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(54) Title: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THER-APY OF OVARIAN CANCER

(57) Abstract: The invention relates to compositions, kits, and methods for detecting, characterizing, preventing, and treating human ovarian cancers. A variety of markers are provided, wherein changes in the levels of expression of one or more of the markers is correlated with the presence of ovarian cancer.

WO 01/18542

### COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF **OVARIAN CANCER**

-1-

#### RELATED APPLICATIONS

The present application claims priority to U.S. provisional patent application serial no. 60/152,547, filed on September 3, 1999, U.S. provisional patent application serial no. 60/190,347, filed on March 16, 2000, U.S. provisional patent application serial no. 60/191,321, filed on March 21, 2000, U.S. provisional patent application serial no. 10 60/208,382, filed on May 31, 2000 and U.S. provisional patent application serial no. 60/220,467, filed on July 20, 2000, all of which are expressly incorporated by reference.

#### FIELD OF THE INVENTION

The field of the invention is ovarian cancer, including diagnosis, characterization, management, and therapy of ovarian cancer. 15

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#### **BACKGROUND OF THE INVENTION**

Ovarian cancer is responsible for significant morbidity and mortality in populations around the world. Ovarian cancer is classified, on the basis of clinical and pathological features, in three groups, namely epithelial ovarian cancer (EOC; >90% of ovarian cancer in Western countries), germ cell tumors (circa 2-3% of ovarian cancer), and stromal ovarian cancer (circa 5% of ovarian cancer; Ozols et al., 1997, Cancer Principles and Practice of Oncology, 5th ed., DeVita et al., Eds. pp. 1502). Relative to EOC, germ cell tumors and stromal ovarian cancers are more easily detected and treated at an early stage, translating into higher/better survival rates for patients afflicted with these two types of ovarian cancer.

There are numerous types of ovarian tumors, some of which are benign, and others of which are malignant. Treatment (including non-treatment) options and predictions of patient outcome depend on accurate classification of the ovarian cancer. Ovarian cancers are named according to the type of cells from which the cancer is derived and whether the ovarian cancer is benign or malignant. Recognized histological tumor types include, for example, serous, mucinous, endometrioid, and clear cell

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tumors. In addition, ovarian cancers are classified according to recognized grade and stage scales.

In grade I, the tumor tissue is well differentiated from normal ovarian tissue. In grade II, tumor tissue is moderately well differentiated. In grade III, the tumor tissue is poorly differentiated from normal tissue, and this grade correlates with a less favorable prognosis than grades I and II. Stage I is generally confined within the capsule surrounding one (stage IA) or both (stage IB) ovaries, although in some stage I (i.e. stage IC) cancers, malignant cells may be detected in ascites, in peritoneal rinse fluid, or on the surface of the ovaries. Stage II involves extension or metastasis of the tumor from one or both ovaries to other pelvic structures. In stage IIA, the tumor extends or has metastasized to the uterus, the fallopian tubes, or both. Stage IIB involves extension of the tumor to the pelvis. Stage IIC is stage IIA or IIB in which malignant cells may be detected in ascites, in peritoneal rinse fluid, or on the surface of the ovaries. In stage III, the tumor comprises at least one malignant extension to the small bowel or the omentum, has formed extrapelvic peritoneal implants of microscopic (stage IIIA) or macroscopic (< 2 centimeter diameter, stage IIIB; > 2 centimeter diameter, stage IIIC) size, or has metastasized to a retroperitoneal or inguinal lymph node (an alternate indicator of stage IIIC). In stage IV, distant (i.e. non-peritoneal) metastases of the tumor can be detected.

The durations of the various stages of ovarian cancer are not presently known, but are believed to be at least about a year each (Richart et al., 1969, Am. J. Obstet. Gynecol. 105:386). Prognosis declines with increasing stage designation. For example, 5-year survival rates for patients diagnosed with stage I, II, III, and IV ovarian cancer are 80%, 57%, 25%, and 8%, respectively.

Despite being the third most prevalent gynecological cancer, ovarian cancer is the leading cause of death among those afflicted with gynecological cancers. The disproportionate mortality of ovarian cancer is attributable to a substantial absence of symptoms among those afflicted with early-stage ovarian cancer and to difficulty diagnosing ovarian cancer at an early stage. Patients afflicted with ovarian cancer most often present with non-specific complaints, such as abnormal vaginal bleeding, gastrointestinal symptoms, urinary tract symptoms, lower abdominal pain, and generalized abdominal distension. These patients rarely present with paraneoplastic

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symptoms or with symptoms which clearly indicate their affliction. Presently, less than about 40% of patients afflicted with ovarian cancer present with stage I or stage II.

Management of ovarian cancer would be significantly enhanced if the disease could be detected at an earlier stage, when treatments are much more generally efficacious.

- 3 -

Ovarian cancer may be diagnosed, in part, by collecting a routine medical history from a patient and by performing physical examination, x-ray examination, and chemical and hematological studies on the patient. Hematological tests which may be indicative of ovarian cancer in a patient include analyses of serum levels of proteins designated CA125 and DF3 and plasma levels of lysophosphatidic acid (LPA).

10 Palpation of the ovaries and ultrasound techniques (particularly including endovaginal ultrasound and color Doppler flow ultrasound techniques) can aid detection of ovarian tumors and differentiation of ovarian cancer from benign ovarian cysts. However, a definitive diagnosis of ovarian cancer typically requires performing exploratory laparotomy of the patient.

Potential tests for the detection of ovarian cancer (e.g., screening, reflex or monitoring) may be characterized by a number of factors. The "sensitivity" of an assay refers to the probability that the test will yield a positive result in an individual afflicted with ovarian cancer. The "specificity" of an assay refers to the probability that the test will yield a negative result in an individual not afflicted with ovarian cancer. The "positive predictive value" (PPV) of an assay is the ratio of true positive results (i.e. positive assay results for patients afflicted with ovarian cancer) to all positive results (i.e. positive assay results for patients afflicted with ovarian cancer + positive assay results for patients not afflicted with ovarian cancer). It has been estimated that in order for an assay to be an appropriate population-wide screening tool for ovarian cancer the assay must have a PPV of at least about 10% (Rosenthal et al., 1998, Sem. Oncol. 25:315-325). It would thus be desirable for a screening assay for detecting ovarian cancer in patients to have a high sensitivity and a high PPV. Monitoring and reflex tests would also require appropriate specifications.

Owing to the cost, limited sensitivity, and limited specificity of known methods of detecting ovarian cancer, screening is not presently performed for the general population. In addition, the need to perform laparotomy in order to diagnose ovarian cancer in patients who screen positive for indications of ovarian cancer limits the

desirability of population-wide screening, such that a PPV even greater than 10% would be desirable.

-4-

Prior use of serum CA125 level as a diagnostic marker for ovarian cancer indicated that this method exhibited insufficient specificity for use as a general screening method. Use of a refined algorithm for interpreting CA125 levels in serial retrospective samples obtained from patients improved the specificity of the method without shifting detection of ovarian cancer to an earlier stage (Skakes, 1995, Cancer 76:2004). Screening for LPA to detect gynecological cancers including ovarian cancer exhibited a sensitivity of about 96% and a specificity of about 89%. However, CA125based screening methods and LPA-based screening methods are hampered by the presence of CA125 and LPA, respectively, in the serum of patients afflicted with conditions other than ovarian cancer. For example, serum CA125 levels are known to be associated with menstruation, pregnancy, gastrointestinal and hepatic conditions such as colitis and cirrhosis, pericarditis, renal disease, and various non-ovarian malignancies. Serum LPA is known, for example, to be affected by the presence of non-ovarian gynecological malignancies. A screening method having a greater specificity for ovarian cancer than the current screening methods for CA125 and LPA could provide a population-wide screening for early stage ovarian cancer.

stage III or stage IV cancers. Treatment at these stages is largely limited to cytoreductive surgery (when feasible) and chemotherapy, both of which aim to slow the spread and development of metastasized tumor. Substantially all late stage ovarian cancer patients currently undergo combination chemotherapy as primary treatment, usually a combination of a platinum compound and a taxane. Median survival for responding patients is about one year. Combination chemotherapy involving agents such as doxorubicin, cyclophosphamide, cisplatin, hexamethylmelamine, paclitaxel, and methotrexate may improve survival rates in these groups, relative to single-agent therapies. Various recently-developed chemotherapeutic agents and treatment regimens have also demonstrated usefulness for treatment of advanced ovarian cancer. For example, use of the topoisomerase I inhibitor topectan, use of amifostine to minimize chemotherapeutic side effects, and use of intraperitoneal chemotherapy for patients having peritoneally implanted tumors have demonstrated at least limited utility.

Presently, however, the 5-year survival rate for patients afflicted with stage III ovarian cancer is 25%, and the survival rate for patients afflicted with stage IV ovarian cancer is 8%.

In summary, the earlier ovarian cancer is detected, the aggressiveness of therapeutic intervention and the side effects associated with therapeutic intervention are minimized. More importantly, the earlier the cancer is detected, the survival rate and quality of life of ovarian cancer patients is enhanced. Thus, a pressing need exists for methods of detecting ovarian cancer as early as possible. There also exists a need for methods of detecting recurrence of ovarian cancer as well as methods for predicting and monitoring the efficacy of treatment. The present invention satisfies these needs.

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#### SUMMARY OF THE INVENTION

The invention relates to a method of assessing whether a patient is afflicted with ovarian cancer. This method comprises the step of comparing the level of expression of a marker in a patient sample, wherein the marker is listed in Tables 1-11, and the normal level of expression of the marker in a control, *e.g.*, a sample from a patient without ovarian cancer. A significant difference between the level of expression of the marker in the patient sample and the normal level is an indication that the patient is afflicted with ovarian cancer. In a preferred embodiment, the marker is listed in Tables 2B or 2C (which are subsets of the markers listed in Table 3A), in Tables 3B or 3C (which are subsets of the markers listed in Tables 3A), in Tables 4A or 5A (which are subsets of the markers listed in Tables 4 and 5, respectively), in Table 6A, in Tables 7A-7E or in Table 8. Preferably, a protein corresponding to the marker is a secreted protein or is predicted to correspond to a secreted protein (see, *e.g.* Tables 2D, 4A, 7A-7E). Alternatively, the marker can correspond to a protein which is normally expressed in ovarian tissue at a detectable level, to one having an extracellular portion, or both (see *e.g.*, Table 8).

In one method, the marker(s) are preferably selected such that the positive predictive value of the method is at least about 10%. Also preferred are embodiments of the method wherein the marker is over- or under-expressed by at least two-fold in at least about 20% of stage I ovarian cancer patients, stage II ovarian cancer patients, stage III ovarian cancer patients, grade I ovarian cancer patients, grade II ovarian cancer patients, epithelial

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ovarian cancer patients, stromal ovarian cancer patients, germ cell ovarian cancer patients, malignant ovarian cancer patients, benign ovarian patients, serous neoplasm ovarian cancer patients, mucinous neoplasm ovarian cancer patients, endometrioid neoplasm ovarian cancer patients and/or clear cell neoplasm ovarian cancer patients.

In one embodiment of the methods of the present invention, the patient sample is an ovary-associated body fluid. Such fluids include, for example, blood fluids, lymph, ascitic fluids, gynecological fluids, cystic fluids, urine, and fluids collected by peritoneal rinsing. In another embodiment, the sample comprises cells obtained from the patient. In this embodiment, the cells may be found in a fluid selected from the group consisting of a fluid collected by peritoneal rinsing, a fluid collected by uterine rinsing, a uterine fluid, a uterine exudate, a pleural fluid, and an ovarian exudate. In another embodiment, the patient sample is *in vivo*.

In accordance with the methods of the present invention, the level of expression of the marker in a sample can be assessed, for example, by detecting the presence in the sample of:

- a protein corresponding to the marker or a fragment of the protein (e.g. using a reagent, such as an antibody, an antibody derivative, or an antibody fragment, which binds specifically with the protein)
- a metabolite which is produced directly (i.e., catalyzed) or indirectly by a protein corresponding to the marker
- o a transcribed polynucleotide (e.g. an mRNA or a cDNA), or fragment thereof, having at least a portion with which the marker is substantially homologous (e.g. by contacting a mixture of transcribed polynucleotides obtained from the sample with a substrate having one or more of the markers listed in Tables 1-11 fixed thereto at selected positions)
- a transcribed polynucleotide or fragment thereof, wherein the polynucleotide anneals with the marker under stringent hybridization conditions.

The methods of the present invention are particularly useful for patients with an identified pelvic mass or symptoms associated with ovarian cancer. The methods of the present invention can also be of particular use with patients having an enhanced risk of developing ovarian cancer (e.g., patients having a familial history of ovarian cancer,

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patients identified as having a mutant oncogene, and patients at least about 50 years of age). The methods of the present invention may further be of particular use in monitoring the efficacy of treatment of an ovarian cancer patient (e.g. the efficacy of chemotherapy).

The methods of the present invention may be performed using a plurality (e.g. 2, 3, 5, or 10 or more) of markers. According to a method involving a plurality of markers, the level of expression in the sample of each of a plurality of markers independently selected from the markers listed in Tables 1-11 is compared with the normal level of expression of each of the plurality of markers in samples of the same type obtained from control humans not afflicted with ovarian cancer. A significantly enhanced level of expression of one or more of the markers listed in Tables 1, 1A, 2A, 4 and 6, 6A, 7A, 7B, 7D and 8, a significantly reduced level of expression of one or more of the markers listed in Tables 3A, 5, 7C and 7E, or some combination thereof, in the sample, relative to the corresponding normal levels, is an indication that the patient is afflicted with ovarian cancer. The markers of Tables 1-11 may also be used in combination with known ovarian cancer markers in the methods of the present invention.

In a preferred method of assessing whether a patient is afflicted with ovarian cancer (e.g., new detection ("screening"), detection of recurrence, reflex testing), the method comprises comparing:

a) the level of expression of a marker in a patient sample, wherein at least one marker is selected from the markers of Tables 1-11 and,

b) the normal level of expression of the marker in a control non-ovarian cancer sample.

A significant difference between the level of expression of the marker in the patient sample and the normal level is an indication that the patient is afflicted with ovarian cancer.

The methods of the present invention further include a method of assessing the efficacy of a test compound for inhibiting ovarian cancer in a patient. This method comprises comparing:

a) expression of a marker in a first sample obtained from the patient and maintained in the presence of the test compound, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, and

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b) expression of the marker in a second sample obtained from the patient and maintained in the absence of the test compound.

A significantly lower level of expression of the marker in the first sample, relative to the second sample, is an indication that the test compound is efficacious for inhibiting ovarian cancer in the patient. For example, the first and second samples can be portions of a single sample obtained from the patient or portions of pooled samples obtained from the patient.

The invention still further includes a method of assessing the efficacy of a test compound for inhibiting ovarian cancer in a patient. This method comprises comparing:

a) expression of a marker in a first sample obtained from the patient and maintained in the presence of the test compound, wherein the marker is selected from the group consisting of the markers listed in Tables 3A, 5, 7C and 7E, and

b) expression of the marker in a second sample obtained from the patient and maintained in the absence of the test compound.

A significantly enhanced level of expression of the marker in the first sample, relative to the second sample, is an indication that the test compound is efficacious for inhibiting the ovarian cancer in the patient.

The invention further relates to a method of assessing the efficacy of a therapy for inhibiting ovarian cancer in a patient. This method comprises comparing:

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a) expression of a marker in a first sample obtained from the patient prior to providing at least a portion of the therapy to the patient, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, and

b) expression of the marker in a second sample obtained from the patient following provision of the portion of the therapy.

A significantly lower level of expression of the marker in the second sample, relative to the first sample, is an indication that the therapy is efficacious for inhibiting ovarian cancer in the patient.

The invention further includes a method of assessing the efficacy of a therapy for inhibiting ovarian cancer in a patient, comprising comparing:

- a) expression of a marker in a first sample obtained from the patient prior to providing at least a portion of the therapy to the patient, wherein the marker is selected from the group consisting of the markers listed in Tables 3A, 5, 7C and 7E, and
- b) expression of the marker in a second sample obtained from the patient following provision of the portion of the therapy.

A significantly enhanced level of expression of the marker in the second sample, relative to the first sample, is an indication that the therapy is efficacious for inhibiting ovarian cancer in the patient.

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It will be appreciated that in these methods the "therapy" may be any traditional therapy for treating ovarian cancer including, but not limited to, chemotherapy, radiation therapy and surgical removal of tissue, e.g., an ovarian tumor. Thus, the methods of the invention may be used to evaluate a patient before, during and after therapy, for example, to evaluate the reduction in tumor burden.

The present invention therefore further comprises a method for monitoring the progression of ovarian cancer in a patient, the method comprising:

- a) detecting in a patient sample at a first time point, the expression of a marker, wherein the marker is selected from the group consisting of the markers listed in Tables 1-11;
  - b) repeating step a) at a subsequent time point in time; and
- c) comparing the level of expression detected in steps a) and b), and therefrom monitoring the progression of ovarian cancer in the patient.

The invention also includes a method of selecting a composition for inhibiting ovarian cancer in a patient. This method comprises the steps of:

- a) obtaining a sample comprising cancer cells from the patient;
  - b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;

- c) comparing expression of a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8 in each of the aliquots; and
- d) selecting one of the test compositions which induces a lower level of expression of the marker in the aliquot containing that test composition, relative to other test compositions.

The invention further includes a method of selecting a composition for inhibiting ovarian cancer in a patient. This method comprises the steps of:

a) obtaining a sample comprising cancer cells from the patient;

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- b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;
- c) comparing expression of a marker listed in Tables 3A, 5, 7C and 7E in each of the aliquots; and
- d) selecting one of the test compositions which induces an enhanced level of expression of the marker in the aliquot containing that test composition, relative to other test compositions.

In addition, the invention includes a method of inhibiting ovarian cancer in a patient. This method comprises the steps of:

- a) obtaining a sample comprising cancer cells from the patient;
  - b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;
  - c) comparing expression of a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8 in each of the aliquots; and
  - d) administering to the patient at least one of the test compositions which induces a lower level of expression of the marker in the aliquot containing that test composition, relative to other test compositions.

The invention also includes a method of inhibiting ovarian cancer in a patient. This method comprises the steps of:

- a) obtaining a sample comprising cancer cells from the patient;
  - b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;
  - c) comparing expression of a marker listed in Tables 3A, 5, 7C and 7E, in each of the aliquots; and

WO 01/18542

- 11 -

d) administering to the patient at least one of the test compositions which induces an enhanced of expression of the marker in the aliquot containing that test composition, relative to other test compositions.

The invention also includes a kit for assessing whether a patient is afflicted with ovarian cancer. This kit comprises reagents for assessing expression of a marker listed in Tables 1-11.

In another aspect, the invention relates to a kit for assessing the suitability of each of a plurality of compounds for inhibiting an ovarian cancer in a patient. The kit comprises a reagent for assessing expression of a marker listed in Tables 1-11, and may also comprise a plurality of compounds.

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In another aspect, the invention relates to a kit for assessing the presence of ovarian cancer cells. This kit comprises an antibody, wherein the antibody binds specifically with a protein corresponding to a marker listed in Tables 1-11. The kit may also comprise a plurality of antibodies, wherein the plurality binds specifically with a protein corresponding to a different marker listed in Tables 1-11.

The invention also includes a kit for assessing the presence of ovarian cancer cells, wherein the kit comprises a nucleic acid probe. The probe binds specifically with a transcribed polynucleotide corresponding to a marker listed in Tables 1-11. The kit may also comprise a plurality of probes, wherein each of the probes binds specifically with a transcribed polynucleotide corresponding to a different marker listed in Tables 1-11.

The invention further relates to a method of making an isolated hybridoma which produces an antibody useful for assessing whether a patient is afflicted with ovarian cancer. The method comprises isolating a protein corresponding to a marker listed in Tables 1-11, immunizing a mammal using the isolated protein, isolating splenocytes from the immunized mammal, fusing the isolated splenocytes with an immortalized cell line to form hybridomas, and screening individual hybridomas for production of an antibody which specifically binds with the protein to isolate the hybridoma. The invention also includes an antibody produced by this method.

WO 01/18542

The invention further includes a method of assessing the ovarian carcinogenic potential of a test compound. This method comprises the steps of:

- 12 -

- a) maintaining separate aliquots of ovarian cells in the presence and absence of the test compound; and
- b) comparing expression of a marker in each of the aliquots.

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The marker is selected from those listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8. A significantly enhanced level of expression of the marker in the aliquot maintained in the presence of (or exposed to) the test compound, relative to the aliquot maintained in the absence of the test compound, is an indication that the test compound possesses ovarian carcinogenic potential.

The invention includes another method of assessing the ovarian carcinogenic potential of a test compound. This method comprises the steps of:

- a) maintaining separate aliquots of ovarian cells in the presence and absence of the test compound; and
- b) comparing expression of a marker in each of the aliquots. 15

In this method, the marker is selected from those listed in Tables 3A, 5, 7C and 7E. A significantly lower level of expression of the marker in the aliquot maintained in the presence of the test compound, relative to the aliquot maintained in the absence of the test compound, is an indication that the test compound possesses ovarian carcinogenic potential.

Additionally, the invention includes a kit for assessing the ovarian carcinogenic potential of a test compound. The kit comprises ovarian cells and a reagent for assessing expression of a marker in each of the aliquots. The marker is selected from those listed in Tables 1-11.

The invention further relates to a method of treating a patient afflicted with 25 ovarian cancer. This method comprises providing to cells of the patient a protein corresponding to a marker listed in Tables 3A, 5, 7C and 7E. The protein can be provided to the cells, for example, by providing a vector comprising a polynucleotide encoding the protein to the cells.

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The invention includes another method of treating a patient afflicted with ovarian cancer. This method comprises providing to cells of the patient an antisense oligonucleotide complementary to a polynucleotide corresponding to a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8.

The invention includes a method of inhibiting ovarian cancer in a patient at risk for developing ovarian cancer. This method comprises inhibiting expression or overexpression of a gene corresponding to a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8.

The invention includes another method of inhibiting ovarian cancer in a patient at risk for developing ovarian cancer. This method comprises enhancing expression of a gene corresponding to a marker listed in Tables 3A, 5, 7C and 7E.

It will be appreciated that the methods and kits of the present invention may also include known cancer markers including known ovarian cancer markers. It will further be appreciated that the methods and kits may be used to identify cancers other than ovarian cancer.

#### DETAILED DESCRIPTION OF THE INVENTION

The invention relates to newly discovered correlations between expression of certain markers and the cancerous state of ovarian cells. It has been discovered that the level of expression of individual markers and combinations of markers described herein correlates with the presence of ovarian cancer in a patient. Methods are provided for detecting the presence of ovarian cancer in a sample, the absence of ovarian cancer in a sample, the stage of an ovarian cancer, and with other characteristics of ovarian cancer that are relevant to prevention, diagnosis, characterization, and therapy of ovarian cancer in a patient.

#### **Definitions**

As used herein, each of the following terms has the meaning associated with it in this section.

The articles "a" and "an" are used herein to refer to one or to more than one (i.e. to at least one) of the grammatical object of the article. By way of example, "an element" means one element or more than one element.

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A "marker" of the invention is a naturally-occurring polymer corresponding to at least one of the nucleic acids listed in Tables 1-11. In particular, a marker of the invention may be a nucleic acid molecule comprising a sequence listed in Tables 1-11 or a sequence which hybridizes under high stringency conditions with a polynucleotide sequence listed in Tables 1-11 ("nucleic acid marker"). Nucleic acid markers include, without limitation, sense and anti-sense strands of genomic DNA (*i.e.* including any introns occurring therein), RNA generated by transcription of genomic DNA (*i.e.* prior to splicing), RNA generated by splicing of RNA transcribed from genomic DNA, and proteins generated by translation of spliced RNA (*i.e.* including proteins both before and after cleavage of normally cleaved regions such as transmembrane signal sequences). As used herein, "marker" may also include a cDNA made by reverse transcription of an RNA generated by transcription of genomic DNA (including spliced RNA). A marker of the invention also may be a protein encoded by, for example, a nucleic acid marker.

The term "probe" refers to any molecule which is capable of selectively binding to a specifically intended target molecule, for example a marker of the invention. Probes can be either synthesized by one skilled in the art, or derived from appropriate biological preparations. For purposes of detection of the target molecule, probes may be specifically designed to be labeled, as described herein. Examples of molecules that can be utilized as probes include, but are not limited to, RNA, DNA, proteins, antibodies, and organic monomers.

An "ovary-associated" body fluid is a fluid which, when in the body of a patient, contacts or passes through ovarian cells or into which cells or proteins shed from ovarian cells *e.g.*, ovarian epithelium, are capable of passing. Exemplary ovary-associated body fluids include blood fluids, lymph, ascites, gynecological fluids, cystic fluid, urine, and fluids collected by peritoneal rinsing.

The "normal" level of expression of a marker is the level of expression of the marker in ovarian cells of a patient, e.g. a human, not afflicted with ovarian cancer.

"Over-expression" and "under-expression" of a marker refer to expression of the marker of a patient at a greater or lesser level, respectively, than normal level of expression of the marker (e.g. at least two-fold greater or lesser level).

WO 01/18542

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As used herein, the term "promoter/regulatory sequence" means a nucleic acid sequence which is required for expression of a gene product operably linked to the promoter/regulatory sequence. In some instances, this sequence may be the core promoter sequence and in other instances, this sequence may also include an enhancer sequence and other regulatory elements which are required for expression of the gene product. The promoter/regulatory sequence may, for example, be one which expresses the gene product in a tissue-specific manner.

A "constitutive" promoter is a nucleotide sequence which, when operably linked with a polynucleotide which encodes or specifies a gene product, causes the gene product to be produced in a living human cell under most or all physiological conditions of the cell.

An "inducible" promoter is a nucleotide sequence which, when operably linked with a polynucleotide which encodes or specifies a gene product, causes the gene product to be produced in a living human cell substantially only when an inducer which corresponds to the promoter is present in the cell.

A "tissue-specific" promoter is a nucleotide sequence which, when operably linked with a polynucleotide which encodes or specifies a gene product, causes the gene product to be produced in a living human cell substantially only if the cell is a cell of the tissue type corresponding to the promoter.

A "transcribed polynucleotide" is a polynucleotide (e.g. an RNA, a cDNA, or an analog of one of an RNA or cDNA) which is complementary to or homologous with all or a portion of a mature RNA made by transcription of a genomic DNA corresponding to a marker of the invention and normal post-transcriptional processing (e.g. splicing), if any, of the transcript.

"Complementary" refers to the broad concept of sequence complementarity between regions of two nucleic acid strands or between two regions of the same nucleic acid strand. It is known that an adenine residue of a first nucleic acid region is capable of forming specific hydrogen bonds ("base pairing") with a residue of a second nucleic acid region which is antiparallel to the first region if the residue is thymine or uracil. Similarly, it is known that a cytosine residue of a first nucleic acid strand is capable of base pairing with a residue of a second nucleic acid strand which is antiparallel to the first strand if the residue is guanine. A first region of a nucleic acid is complementary to

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PCT/US00/24199

a second region of the same or a different nucleic acid if, when the two regions are arranged in an antiparallel fashion, at least one nucleotide residue of the first region is capable of base pairing with a residue of the second region. Preferably, the first region comprises a first portion and the second region comprises a second portion, whereby, when the first and second portions are arranged in an antiparallel fashion, at least about 50%, and preferably at least about 75%, at least about 90%, or at least about 95% of the nucleotide residues of the first portion are capable of base pairing with nucleotide residues of the first portion are capable of base pairing with nucleotide residues of the first portion are capable of base pairing with nucleotide residues in the second portion.

"Homologous" as used herein, refers to nucleotide sequence similarity between two regions of the same nucleic acid strand or between regions of two different nucleic acid strands. When a nucleotide residue position in both regions is occupied by the same nucleotide residue, then the regions are homologous at that position. A first region is homologous to a second region if at least one nucleotide residue position of each region is occupied by the same residue. Homology between two regions is expressed in terms of the proportion of nucleotide residue positions of the two regions that are occupied by the same nucleotide residue. By way of example, a region having the nucleotide sequence 5'-TATGCC-3' and a region having the nucleotide sequence 5'-TATGGC-3' share 50% homology. Preferably, the first region comprises a first portion and the second region comprises a second portion, whereby, at least about 50%, and preferably at least about 75%, at least about 90%, or at least about 95% of the nucleotide residue positions of each of the portions are occupied by the same nucleotide residue. More preferably, all nucleotide residue positions of each of the portions are occupied by the same nucleotide residue.

A marker is "fixed" to a substrate if it is covalently or non-covalently associated with the substrate such the substrate can be rinsed with a fluid (e.g. standard saline citrate, pH 7.4) without a substantial fraction of the marker dissociating from the substrate.

As used herein, a "naturally-occurring" nucleic acid molecule refers to an RNA or DNA molecule having a nucleotide sequence that occurs in nature (e.g. encodes a natural protein).

Expression of a marker in a patient is "significantly" higher or lower than the normal level of expression of a marker if the level of expression of the marker is greater or less, respectively, than the normal level by an amount greater than the standard error of the assay employed to assess expression, and preferably at least twice, and more preferably three, four, five or ten times that amount. Alternately, expression of the marker in the patient can be considered "significantly" higher or lower than the normal level of expression if the level of expression is at least about two, and preferably at least about three, four, or five times, higher or lower, respectively, than the normal level of expression of the marker.

- 17 -

Ovarian cancer is "inhibited" if at least one symptom of the cancer is alleviated, terminated, slowed, or prevented. As used herein, ovarian cancer is also "inhibited" if recurrence or metastasis of the cancer is reduced, slowed, delayed, or prevented.

A kit is any manufacture (e.g. a package or container) comprising at least one reagent, e.g. a probe, for specifically detecting a marker of the invention, the manufacture being promoted, distributed, or sold as a unit for performing the methods of the present invention.

#### Description

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The present invention is based, in part, on identification of markers which are expressed at a different level in ovarian cancer cells than they are in normal (*i.e.* non-cancerous) ovarian cells. The markers of the invention correspond to nucleic acid and polypeptide molecules which can be detected in one or both of normal and cancerous ovarian cells. The presence, absence, or level of expression of one or more of these markers in ovarian cells is herein correlated with the cancerous state of the tissue. The invention thus includes compositions, kits, and methods for assessing the cancerous state of ovarian cells (*e.g.* cells obtained from a human, cultured human cells, archived or preserved human cells and *in vivo* cells).

The compositions, kits, and methods of the invention have the following uses, among others:

- 1) assessing whether a patient is afflicted with ovarian cancer;
- 2) assessing the stage of ovarian cancer in a human patient;
- 3) assessing the grade of ovarian cancer in a patient;

- 18 -

WO 01/18542

	4)	assessing the benign or malignant nature of ovarian cancer in a
		patient;
	5)	assessing the histological type of neoplasm (e.g. serous,
		mucinous, endometroid, or clear cell neoplasm) associated with
5		ovarian cancer in a patient;
	6)	making an isolated hybridoma which produces an antibody useful
		for assessing whether a patient is afflicted with ovarian cancer;
	7)	assessing the presence of ovarian cancer cells;
	8)	assessing the efficacy of one or more test compounds for
10		inhibiting ovarian cancer in a patient;
	9)	assessing the efficacy of a therapy for inhibiting ovarian cancer
		in a patient;
	10)	monitoring the progression of ovarian cancer in a patient;
	11)	selecting a composition or therapy for inhibiting ovarian cancer in
15		a patient;
	12)	treating a patient afflicted with ovarian cancer;
	13)	inhibiting ovarian cancer in a patient;
		14) assessing the ovarian carcinogenic potential of a test
		compound; and
20		15) inhibiting an ovarian cancer in a patient at risk for
		developing ovarian cancer.

PCT/US00/24199

The invention thus includes a method of assessing whether a patient is afflicted with ovarian cancer. This method comprises comparing the level of expression of a marker in a patient sample and the normal level of expression of the marker in a control, e.g., a non-ovarian cancer sample. A significant difference between the level of expression of the marker in the patient sample and the normal level is an indication that the patient is afflicted with ovarian cancer. The marker is selected from the group consisting of the markers listed in Tables 1-11. The markers listed in Tables 1, 1A, 2A, 30 4, 6, 6A, 7A, 7B, 7D and 8 are expressed at a greater level in ovarian cancer cells than in normal ovarian cells. The markers listed in Tables 3A, 5, 7C and 7E are expressed at a lower level in ovarian cancer cells than in normal ovarian cells. Although one or more

- 19 -

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molecules corresponding to the markers listed in Tables 1-11 may have been described by others, the significance of the level of expression of these markers with regard to the cancerous state of ovarian cells has not previously been recognized.

PCT/US00/24199

Tables 1 and 1A list markers that were identified in subtractive libraries and which are preferentially expressed in ovarian cancer cells over normal (*i.e.*, non-cancerous) ovarian cells.

Table 2A lists markers, expression of which was increased by at least 5-fold in at least one of twenty-three ovarian cancer samples tested, relative to its expression in normal (*i.e.* non-cancerous) ovarian samples. Table 2B lists markers, expression of which was increased by at least 2-fold in all twenty-three ovarian cancer samples tested, relative to its expression in normal ovarian samples. Table 2C lists markers, expression of which was increased by at least 5-fold in at least 6 of the 23 ovarian cancer samples tested, relative to its expression in normal ovarian cells. Table 2D lists markers, expression of which was increased by at least 5-fold in at least 6 of the 23 ovarian cancer samples, relative to expression in normal ovarian samples. In a preferred embodiment, proteins corresponding to the markers of Table 2D as well as fragments of the proteins, serve as antigens for antibody production, based upon proteomic studies, sequence analysis and/or literature references

Table 3A lists markers, expression of which was decreased by at least 5-fold in at least one of twenty-three ovarian cancer samples tested, relative to its expression in normal (*i.e.*, non-cancerous) ovarian cells. Table 3B lists markers, expression of which was decreased by at least 2-fold in all twenty-three ovarian cancer samples tested, relative to its expression in normal ovarian cells. Table 3C lists markers, expression of which was decreased by at least 5-fold in at least 6 of the 23 ovarian cancer samples tested, relative to its expression in normal ovarian cells.

Tables 4 and 5 list markers, expression of which was either increased (Table 4) or decreased (Table 5) in ovarian cancer samples, relative to expression in normal (i.e., non-cancerous) ovarian samples. In particular, expression of the markers in 37 tumors (7 endometroid tumors, 5 clear cell tumors and 25 serous tumors) was evaluated. A ranking system based on the sum of the number of tumors multiplied by the fold regulation (for 2-fold, 3-fold, 5-fold and 10-fold regulation), divided by the total number

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of tumors, was employed. A rank score was generated for four categories, endometroid tumors, clear cell tumors, serous tumors and overall.

For example, for # 19109 in Table 4A (first marker listed):

# of tumors > 2-fold: 36 = (2 x 0) = 0 # of tumors > 3-fold: 36 = (3 x 1) = 3 # of tumors > 5-fold: 35 = (5 x 3) = 15 # of tumors > 10-fold: 32 = (10 x 32) = 320

The sum is 3 plus 15 plus 320, which equals 338. The score is therefore 338 divided by 37, which equals 9.1.

The markers of Table 4 had a score of greater than 1.5 for endometroid tumors, greater than 1.5 for clear cell tumors, greater than 1 for serous tumors, or greater than 0.8 overall. Table 4A shows the markers of Table 4 with a score of greater than 3 in any of the four categories.

The markers of Table 5 had a score of greater than 2.5 for endometroid tumors, greater than 2.5 for clear cell tumors, greater than 2 for serous tumors, or greater than 1.75 overall. Table 5A shows the markers of Table 5 with a score of greater than 3 in any of the four categories.

Tables 6 and 6A list markers that were identified in subtractive libraries and which are preferentially expressed in ovarian cancer cells over normal (*i.e.*, non-cancerous) ovarian cells.

Tables 7A-7E list markers that were identified in proteomic studies. The markers of Table 7A are secreted or membrane proteins, expression of which was increased at least 5-fold in two or more ovarian cancer samples or cell lines, relative to at least a 10-fold decrease in expression in normal ovarian samples.

The markers of Table 7B are secreted or membrane proteins, expression of which was increased in one ovarian cancer sample cell line, relative to expression in normal ovarian samples, where the medium expression of normals equaled 0 (the expression level of the ovarian cancer sample and cell lines was divided by 0.001, rather than 0).

The markers of Table 7C are preferred secreted or membrane proteins, expression of which was decreased in ovarian cancer samples and cell lines, relative to expression in normal ovarian samples.

The markers of Table 7D are secreted or membrane proteins present in ovarian cancer cell supernatants.

- 21 -

The markers of Table 7E are secreted or membrane proteins present in normal cell supernatants.

Table 8 lists novel genes that are overexpressed in ovarian cancer samples, relative to expression in normal ovarian samples.

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Table 9 summarizes TaqMan® expression data for the novel genes of Table 8.

Tables 10A-10N summarize Northern Blot analysis of the novel genes of Table

Table 11 summarizes LightCycler data and RT-PCR data for various markers of the present invention.

Any marker or combination of markers listed in Tables 1-11, as well as any known markers in combination with the markers set forth in Tables 1-11, may be used in the compositions, kits, and methods of the present invention. Use of markers listed in Tables 2B, 2C, 2D, 3B, 3C, 4A, 5A, 6A, 7A-7E and 8 are preferred, wherein use of markers listed in Tables 2C, 2D, 3C, 6A, 7A-7C and 8 are more preferred. In general, it is preferable to use markers for which the difference between the level of expression of the marker in ovarian cancer cells and the level of expression of the same marker in normal ovarian cells is as great as possible. Although this difference can be as small as the limit of detection of the method for assessing expression of the marker, it is preferred that the difference be at least greater than the standard error of the assessment method, and preferably a difference of at least 2-, 3-, 4-, 5-, 6-, 7-, 8-, 9-, 10-, 15-, 20-, 25-, 100-, 500-, 1000-fold or greater.

It is recognized that certain markers correspond to proteins which are secreted from ovarian cells (i.e. one or both of normal and cancerous cells) to the extracellular space surrounding the cells (see, e.g. Tables 2D, 7A-7E and 8). These markers are preferably used in certain embodiments of the compositions, kits, and methods of the invention, owing to the fact that the protein corresponding to each of these markers can be detected in an ovary-associated body fluid sample, which may be more easily collected from a human patient than a tissue biopsy sample. In addition, preferred in vivo techniques for detection of a protein corresponding to a marker of the invention include introducing into a subject a labeled antibody directed against the protein. For

example, the antibody can be labeled with a radioactive marker whose presence and location in a subject can be detected by standard imaging techniques.

Although not every marker corresponding to a secreted protein is indicated as such in the Tables herein, it is a simple matter for the skilled artisan to determine whether any particular marker corresponds to a secreted protein. In order to make this determination, the protein corresponding to a marker is expressed in a test cell (e.g. a cell of an ovarian cell line), extracellular fluid is collected, and the presence or absence of the protein in the extracellular fluid is assessed (e.g. using a labeled antibody which binds specifically with the protein).

The following is an example of a method which can be used to detect secretion of a protein corresponding to a marker of the invention. About 8 x 10<sup>5</sup> 293T cells are incubated at 37°C in wells containing growth medium (Dulbecco's modified Eagle's medium {DMEM} supplemented with 10% fetal bovine serum) under a 5% (v/v) CO<sub>2</sub>, 95% air atmosphere to about 60-70% confluence. The cells are then transfected using a standard transfection mixture comprising 2 micrograms of DNA comprising an expression vector encoding the protein and 10 microliters of LipofectAMINETM (GIBCO/BRL Catalog no. 18342-012) per well. The transfection mixture is maintained for about 5 hours, and then replaced with fresh growth medium and maintained in an air atmosphere. Each well is gently rinsed twice with DMEM which does not contain methionine or cysteine (DMEM-MC; ICN Catalog no. 16-424-54). About 1 milliliter of DMEM-MC and about 50 microcuries of Trans-<sup>35</sup>S™ reagent (ICN Catalog no. 51006) are added to each well. The wells are maintained under the 5% CO<sub>2</sub> atmosphere described above and incubated at 37°C for a selected period. Following incubation, 150 microliters of conditioned medium is removed and centrifuged to remove floating cells and debris. The presence of the protein in the supernatant is an indication that the protein is secreted.

Examples of ovary-associated body fluids include blood fluids (e.g. whole blood, blood serum, blood having platelets removed therefrom, etc.), lymph, ascitic fluids, gynecological fluids (e.g. ovarian, fallopian, and uterine secretions, menses, vaginal douching fluids, fluids used to rinse cervical cell samples, etc.), cystic fluid, urine, and fluids collected by peritoneal rinsing (e.g. fluids applied and collected during laparoscopy or fluids instilled into and withdrawn from the peritoneal cavity of a human

patient). In these embodiments, the level of expression of the marker can be assessed by assessing the amount (e.g. absolute amount or concentration) of the marker in an ovary-associated body fluid obtained from a patient. The fluid can, of course, be subjected to a variety of well-known post-collection preparative and storage techniques (e.g. storage, freezing, ultrafiltration, concentration, evaporation, centrifugation, etc.) prior to assessing the amount of the marker in the fluid.

Many ovary-associated body fluids (i.e. usually excluding urine) can have ovarian cells, e.g. ovarian epithelium, therein, particularly when the ovarian cells are cancerous, and, more particularly, when the ovarian cancer is metastasizing. Cellcontaining fluids which can contain ovarian cancer cells include, but are not limited to, peritoneal ascites, fluids collected by peritoneal rinsing, fluids collected by uterine rinsing, uterine fluids such as uterine exudate and menses, pleural fluid, and ovarian exudates. Thus, the compositions, kits, and methods of the invention can be used to detect expression of markers corresponding to proteins having at least one portion which is displayed on the surface of cells which express it. Examples of such proteins are indicated in the Tables herein. Although not every protein having at least one cellsurface portion is indicated in the Tables, it is a simple matter for the skilled artisan to determine whether the protein corresponding to any particular marker comprises a cellsurface protein. For example, immunological methods may be used to detect such proteins on whole cells, or well known computer-based sequence analysis methods (e.g. the SIGNALP program; Nielsen et al., 1997, Protein Engineering 10:1-6) may be used to predict the presence of at least one extracellular domain (i.e. including both secreted proteins and proteins having at least one cell-surface domain). Expression of a marker corresponding to a protein having at least one portion which is displayed on the surface of a cell which expresses it may be detected without necessarily lysing the cell (e.g. using a labeled antibody which binds specifically with a cell-surface domain of the protein).

Expression of a marker of the invention may be assessed by any of a wide variety of well known methods for detecting expression of a transcribed molecule or its corresponding protein. Non-limiting examples of such methods include immunological methods for detection of secreted, cell-surface, cytoplasmic, or nuclear proteins, protein purification methods, protein function or activity assays, nucleic acid hybridization

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methods, nucleic acid reverse transcription methods, and nucleic acid amplification methods.

In a preferred embodiment, expression of a marker is assessed using an antibody (e.g. a radio-labeled, chromophore-labeled, fluorophore-labeled, or enzyme-labeled antibody), an antibody derivative (e.g. an antibody conjugated with a substrate or with the protein or ligand of a protein-ligand pair {e.g. biotin-streptavidin}), or an antibody fragment (e.g. a single-chain antibody, an isolated antibody hypervariable domain, etc.) which binds specifically with a protein corresponding to the marker, such as the protein encoded by the open reading frame corresponding to the marker or such a protein which has undergone all or a portion of its normal post-translational modification.

In another preferred embodiment, expression of a marker is assessed by preparing mRNA/cDNA (i.e. a transcribed polynucleotide) from cells in a patient sample, and by hybridizing the mRNA/cDNA with a reference polynucleotide which is a complement of a polynucleotide comprising the marker, and fragments thereof. cDNA 15 can, optionally, be amplified using any of a variety of polymerase chain reaction methods prior to hybridization with the reference polynucleotide; preferably, it is not amplified. Expression of one or more markers can likewise be detected using quantitative PCR to assess the level of expression of the marker(s). Alternatively, any of the many known methods of detecting mutations or variants (e.g. single nucleotide polymorphisms, deletions, etc.) of a marker of the invention may be used to detect occurrence of a marker in a patient.

In a related embodiment, a mixture of transcribed polynucleotides obtained from the sample is contacted with a substrate having fixed thereto a polynucleotide complementary to or homologous with at least a portion (e.g. at least 7, 10, 15, 20, 25, 30, 40, 50, 100, 500, or more nucleotide residues) of a marker of the invention. If polynucleotides complementary to or homologous with are differentially detectable on the substrate (e.g. detectable using different chromophores or fluorophores, or fixed to different selected positions), then the levels of expression of a plurality of markers can be assessed simultaneously using a single substrate (e.g. a "gene chip" microarray of 30 polynucleotides fixed at selected positions). When a method of assessing marker expression is used which involves hybridization of one nucleic acid with another, it is preferred that the hybridization be performed under stringent hybridization conditions.

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Because the compositions, kits, and methods of the invention rely on detection of a difference in expression levels of one or more markers of the invention, it is preferable that the level of expression of the marker is significantly greater than the minimum detection limit of the method used to assess expression in at least one of normal ovarian cells and cancerous ovarian cells.

PCT/US00/24199

Preferably, at least one of the marker(s) used in the compositions, kits, and methods of the invention is a marker for which the "Tissue Prominence," as indicated in the Tables herein, includes, without limitation, an epithelial tissue such as ovarian, stomach, foreskin, colon, uterus, esophagus, synovial membrane, small intestine, breast, skin, cervix, adrenal gland, eye, gall bladder, lung, placenta, prostate and retina tissues. Preferably, the marker is one for which ovary is listed among the Tissue Prominence tissues in one or more of the Tables.

The chromosomal location corresponding to each of a number of the markers listed in the Tables herein is known and is also listed in the Tables. In addition, the chromosomal locations of a number of loci and chromosomal regions associated with ovarian cancers are known (Lynch et al., 1998, Sem. Oncol. 25:265-280). For example, AKT2 is located on chromosome 19 at q13.1-13.2, copy number increases have been observed at 8q24, 20q13.2-qter, 3q26.3, 1q32, 20p, 9p21-pter, 12p, and 5p14-pter, DNA amplifications have been observed at 8q24, 3q26.3, and 20q13.3, c-MYC is located at 8q24, MYBL2 is located at 20q13.1, EVII is located at 3q26, loss of heterozygosity has been observed on chromosomes 6, 9, 13q, 17, 18q, 19p, 22q and Xp, including at locations 17p(p13.3, 13.1), 17q(q21, q22-q23), 18q (q21.3-qter), 6q(q26-q27), 11q(q23.3-qter), and 11p(p13-p15.5), TP53 is located at 17p13.1, BRCA1 is located at 17q21, the prohibitin gene and NM23 are both located at 17q23-24, NF1 is located at 17q11, and ERBB2 is located at 17q21. At least one previously unidentified gene which contributes to development of ovarian cancer has been suggested to reside on chromosome 17 (Lynch et al., supra), particularly on 17p, and more particularly in the vicinity of 17p13.3. Thus, markers which map to one or more of these chromosomal locations, or to a location relatively near one of these locations are preferred for use in the compositions, kits, and methods of the invention.

It is understood that by routine screening of additional patient samples using one or more of the markers of the invention, it will be realized that certain of the markers are over- or under-expressed in cancers of various types, including specific ovarian cancers, as well as other cancers such as breast cancer, cervical cancer, etc. For example, it will be confirmed that some of the markers of the invention are over- or under-expressed in most (i.e. 50% or more) or substantially all (i.e. 80% or more) of ovarian cancer. Furthermore, it will be confirmed that certain of the markers of the invention are associated with ovarian cancer of various stages (i.e. stage I, II, III, and IV ovarian cancers, as well as subclassifications IA, IB, IC, IIA, IIB, IIC, IIIA, IIIB, and IIIC, using the FIGO Stage Grouping system for primary carcinoma of the ovary; 1987, Am. J. 10 Obstet. Gynecol. 156:236), of various histologic subtypes (e.g. serous, mucinous, endometroid, and clear cell subtypes, as well as subclassifications and alternate classifications adenocarcinoma, papillary adenocarcinoma, papillary cystadenocarcinoma, surface papillary carcinoma, malignant adenofibroma, cystadenofibroma, adenocarcinoma, cystadenocarcinoma, adenoacanthoma, endometrioid stromal sarcoma, mesodermal (Müllerian) mixed tumor, mesonephroid tumor, malignant carcinoma, Brenner tumor, mixed epithelial tumor, and undifferentiated carcinoma, using the WHO/FIGO system for classification of malignant ovarian tumors; Scully, Atlas of Tumor Pathology, 3d series, Washington DC), and various grades (i.e. grade I {well differentiated}, grade II {moderately well differentiated), and grade III {poorly differentiated from surrounding normal tissue} ). In addition, as a greater number of patient samples are assessed for expression of the markers of the invention and the outcomes of the individual patients from whom the samples were obtained are correlated, it will also be confirmed that altered expression of certain of the markers of the invention are strongly correlated with malignant cancers and that altered expression of other markers of the invention are strongly correlated with benign tumors. The compositions, kits, and methods of the invention are thus useful for characterizing one or more of the stage, grade, histological type, and benign/malignant nature of ovarian cancer in patients. In addition, these compositions, kits, and methods can be used to detect and differentiate epithelial, stromal, and germ cell ovarian cancers.

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When the compositions, kits, and methods of the invention are used for characterizing one or more of the stage, grade, histological type, and benign/malignant nature of ovarian cancer in a patient, it is preferred that the marker or panel of markers of the invention is selected such that a positive result is obtained in at least about 20%, and preferably at least about 40%, 60%, or 80%, and more preferably in substantially all patients afflicted with an ovarian cancer of the corresponding stage, grade, histological type, or benign/malignant nature. Preferably, the marker or panel of markers of the invention is selected such that a PPV of greater than about 10% is obtained for the general population (more preferably coupled with an assay specificity greater than 99.5%).

When a plurality of markers of the invention are used in the compositions, kits, and methods of the invention, the level of expression of each marker in a patient sample can be compared with the normal level of expression of each of the plurality of markers in non-cancerous samples of the same type, either in a single reaction mixture (i.e. using reagents, such as different fluorescent probes, for each marker) or in individual reaction mixtures corresponding to one or more of the markers. In one embodiment, a significantly enhanced level of expression of more than one of the plurality of markers in the sample, relative to the corresponding normal levels, is an indication that the patient is afflicted with ovarian cancer. In another embodiment, a significantly lower level of expression in the sample of each of the plurality of markers, relative to the corresponding normal levels, is an indication that the patient is afflicted with ovarian cancer. In yet another embodiment, a significantly enhanced level of expression of one or more marks and a significantly lower level of expression of one or more markers in a sample relative to the corresponding normal levels, is an indication that the patient is afflicted with ovarian cancer. When a plurality of markers is used, it is preferred that 2, 3, 4, 5, 8, 10, 12, 15, 20, 30, or 50 or more individual markers be used, wherein fewer markers are preferred.

In order to maximize the sensitivity of the compositions, kits, and methods of the invention (i.e. by interference attributable to cells of non-ovarian origin in a patient sample), it is preferable that the marker of the invention used therein be a marker which has a restricted tissue distribution, e.g., normally not expressed in a non-epithelial tissue, and more preferably a marker which is normally not expressed in a non-ovarian tissue.

Only a small number of markers are known to be associated with ovarian cancers (e.g. AKT2, Ki-RAS, ERBB2, c-MYC, RB1, and TP53; Lynch, supra). These markers are not, of course, included among the markers of the invention, although they may be used together with one or more markers of the invention in a panel of markers, for example. It is well known that certain types of genes, such as oncogenes, tumor suppressor genes, growth factor-like genes, protease-like genes, and protein kinase-like genes are often involved with development of cancers of various types. Thus, among the markers of the invention, use of those which correspond to proteins which resemble known proteins encoded by known oncogenes and tumor suppressor genes, and those which correspond to proteins which resemble growth factors, proteases, and protein kinases are preferred.

Known oncogenes and tumor suppressor genes include, for example, abl, abr, akt2, apc, bcl2α, bcl2β, bcl3, bcr, brca1, brca2, cbl, ccnd1, cdc42, cdk4, crk-II, csf1r/fms, dbl, dcc, dpc4/smad4, e-cad, e2f1/rbap, egfr/erbb-1, elk1, elk3, eph, erg, ets1, ets2, fer, fgr/src2, fli1/ergb2, fos, fps/fes, fra1, fra2, fyn, hck, hek, her2/erbb-2/neu, her3/erbb-3, her4/erbb-4, hras1, hst2, hstf1, igfbp2, ink4a, ink4b, int2/fgf3, jun, junb, jund, kip2, kit, kras2a, kras2b, lck, lyn, mas, max, mcc, mdm2, met, mlh1, mmp10, mos, msh2, msh3, msh6, myb, myba, mybb, myc, mycl1, mycn, nf1, nf2, nme2, nras, p53, pdgfb, phb, pim1, pms1, pms2, ptc, pten, raf1, rap1a, rb1, rel, ret, ros1, ski, src1, tal1, tgfbr2, tgfb3, tgfbr3, thra1, thrb, tiam1, timp3, tjp1, tp53, trk, vav, vhl, vil2, waf1, wnt1, wnt2, wt1, and yes1 (Hesketh, 1997, In: The Oncogene and Tumour Suppressor Gene Facts Book, 2nd Ed., Academic Press; Fishel et al., 1994, Science 266:1403-1405).

Known growth factors include platelet-derived growth factor alpha, platelet-derived growth factor beta (simian sarcoma viral {v-sis} oncogene homolog), thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor), erythropoietin, B cell growth factor, macrophage stimulating factor 1 (hepatocyte growth factor-like protein), hepatocyte growth factor (hepapoietin A), insulin-like growth factor 1 (somatomedia C), hepatoma-derived growth factor, amphiregulin (schwannoma-derived growth factor), bone morphogenetic proteins 1, 2, 3, 3 beta, and 4, bone morphogenetic protein 7 (osteogenic protein 1), bone morphogenetic protein 8 (osteogenic protein 2), connective tissue growth factor, connective tissue activation peptide 3, epidermal growth factor (EGF), teratocarcinoma-derived growth factor 1, endothelin, endothelin 2, endothelin 3, stromal cell-derived

- 29 -

factor 1, vascular endothelial growth factor (VEGF), VEGF-B, VEGF-C, placental growth factor (vascular endothelial growth factor-related protein), transforming growth factor alpha, transforming growth factor beta 1 and its precursors, transforming growth factor beta 2 and its precursors, fibroblast growth factor 1 (acidic), fibroblast growth factor 2 (basic), fibroblast growth factor 5 and its precursors, fibroblast growth factor 6 and its precursors, fibroblast growth factor 7 (keratinocyte growth factor), fibroblast growth factor 8 (androgen-induced), fibroblast growth factor 9 (glia-activating factor), pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1), brain-derived neurotrophic factor, and recombinant glial growth factor 2.

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Known proteases include interleukin-1 beta convertase and its precursors, Mch6 and its precursors, Mch2 isoform alpha, Mch4, Cpp32 isoform alpha, Lice2 gamma cysteine protease, Ich-1S, Ich-1L, Ich-2 and its precursors, TY protease, matrix metalloproteinase 1 (interstitial collagenase), matrix metalloproteinase 2 (gelatinase A, 72kD gelatinase, 72kD type IV collagenase), matrix metalloproteinase 7 (matrilysin), matrix metalloproteinase 8 (neutrophil collagenase), matrix metalloproteinase 12 (macrophage elastase), matrix metalloproteinase 13 (collagenase 3), metallopeptidase 1, cysteine-rich metalloprotease (disintegrin) and its precursors, subtilisin-like protease Pc8 and its precursors, chymotrypsin, snake venom-like protease, cathepsin I, cathepsin D (lysosomal aspartyl protease), stromelysin, aminopeptidase N, plasminogen, tissue plasminogen activator, plasminogen activator inhibitor type II, and urokinase-type plasminogen activator.

Known protein kinases include DAP kinase, serine/threonine protein kinases NIK, PK428, Krs-2, SAK, and EMK, interferon-inducible double stranded RNA dependent protein kinase, FAST kinase, AIM1, IPL1-like midbody-associated protein kinase-1, NIMA-like protein kinase 1 (NLK1), the cyclin-dependent kinases (cdk1-10), checkpoint kinase Chk1, Nek3 protein kinase, BMK1 beta kinase, Clk1, Clk2, Clk3, extracellular signal-regulated kinases 1, 3, and 6, cdc28 protein kinase 1, cdc28 protein kinase 2, pLK, Myt1, c-Jun N-terminal kinase 2, Cam kinase 1, the MAP kinases, insulin-stimulated protein kinase 1, beta-adrenergic receptor kinase 2, ribosomal protein S6 kinase, kinase suppressor of ras-1 (KSR1), putative serine/threonine protein kinase Prk, PkB kinase, cAMP-dependent protein kinase, cGMP-dependent protein kinase, type II cGMP-dependent protein kinase, protein kinases Dyrk2, Dyrk3, and Dyrk4, Rho-

associated coiled-coil containing protein kinase p160ROCK, protein tyrosine kinase t-Rorl, Ste20-related kinases, cell adhesion kinase beta, protein kinase 3, stress-activated protein kinase 4, protein kinase Zpk, serine kinase hPAK65, dual specificity mitogenactivated protein kinases 1 and 2, casein kinase I gamma 2, p21-activated protein kinase Pak1, lipid-activated protein kinase PRK2, focal adhesion kinase, dual-specificity tyrosine-phosphorylation regulated kinase, myosin light chain kinase, serine kinases SRPK2, TESK1, and VRK2, B lymphocyte serine/threonine protein kinase, stressactivated protein kinases JNK1 and JNK2, phosphorylase kinase, protein tyrosine kinase Tec, Jak2 kinase, protein kinase Ndr, MEK kinase 3, SHB adaptor protein (a Src 10 homology 2 protein), agammaglobulinaemia protein-tyrosine kinase (Atk), protein kinase ATR, guanylate kinase 1, thrombopoeitin receptor and its precursors, DAG kinase epsilon, and kinases encoded by oncogenes or viral oncogenes such as v-fgr (Gardner-Rasheed), v-abl (Abelson murine leukemia viral oncogene homolog 1), v-arg (Abelson murine leukemia viral oncogene homolog, Abelson-related gene), v-fes and vfps (feline sarcoma viral oncogene and Fujinami avian sarcoma viral oncogene 15 homologs), proto-oncogene c-cot, oncogene pim-1, and oncogene mas1.

Previously known proteins (and, of course, the genes, transcripts, mRNAs, etc. corresponding to those proteins) designated NES1, HE4, and neurosin, are included as markers. NES1 protein is also known as protease serine-like 1 and normal epithelial cell-specific protein, and has been assigned Swiss-Prot accession number O43240 and GenBank accession number AF024605. The amino acid sequence of NES1 protein and the nucleotide sequence of a cDNA encoding it have also been described in U.S. Patent 5,736,377. Association of NES1 protein expression and occurrence of cancer has been described, for example, in U.S. Patent 5,843,694. However, these references (and others, e.g. Liu et al., 1996, Cancer Res. 56:3371-3379; Luo et al., 1998, Biochem. Biophys. Res. Comm. 247:580-586; Goyal et al., 1998, Cancer Res. 58:4782-4786) indicate that NES1 expression is down-regulated in cancer patients. In contrast, the present inventors have discovered that NES1 expression is up- regulated in ovarian cancer samples (e.g. in later stage {i.e. stage 3 or 4} ovarian cancer cell lines).

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HE4 protein is also known as major epididymis-specific protein E4 and epididymal secretory protein E4, and has been assigned Swiss-Prot accession number O14508 and GenBank accession number X63187. The amino acid sequence and the

WO 01/18542

corresponding cDNA nucleotide sequence were also disclosed in Kirchhoff et al. (1991) Biol. Reprod. 45:350-357. A possible association between expression of HE4 and occurrence of ovarian cancer was disclosed, for example in Wang et al. (1999) Gene 229:101-108.

- 31 -

Neurosin is also known as protease M, zyme, and SP59, and has been assigned Swiss-Prot accession number Q92876 and GenBank accession number U62801. The amino acid sequence of neurosin and the corresponding cDNA nucleotide sequence were also disclosed in Anisowicz et al. (1996) Mol. Med. 2:624-636. The same reference discloses a possible association between expression of neurosin and occurrence of ovarian cancer.

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It is recognized that the compositions, kits, and methods of the invention will be of particular utility to patients having an enhanced risk of developing ovarian cancer and their medical advisors. Patients recognized as having an enhanced risk of developing ovarian cancer include, for example, patients having a familial history of ovarian cancer, patients identified as having a mutant oncogene (i.e. at least one allele), and patients of advancing age (i.e. women older than about 50 or 60 years).

The level of expression of a marker in normal (i.e. non-cancerous) human ovarian tissue can be assessed in a variety of ways. In one embodiment, this normal level of expression is assessed by assessing the level of expression of the marker in a portion of ovarian cells which appears to be non-cancerous and by comparing this normal level of expression with the level of expression in a portion of the ovarian cells which is suspected of being cancerous. For example, when laparoscopy or other medical procedure, reveals the presence of a lump on one portion of a patient's ovary, but not on another portion of the same ovary or on the other ovary, the normal level of expression of a marker may be assessed using one or both or the non-affected ovary and a non-affected portion of the affected ovary, and this normal level of expression may be compared with the level of expression of the same marker in an affected portion (i.e. the lump) of the affected ovary. Alternately, and particularly as further information becomes available as a result of routine performance of the methods described herein, population-average values for normal expression of the markers of the invention may be used. In other embodiments, the 'normal' level of expression of a marker may be determined by assessing expression of the marker in a patient sample obtained from a

WO 01/18542

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- 32 -

PCT/US00/24199

non-cancer-afflicted patient, from a patient sample obtained from a patient before the suspected onset of ovarian cancer in the patient, from archived patient samples, and the like.

The invention includes compositions, kits, and methods for assessing the presence of ovarian cancer cells in a sample (e.g. an archived tissue sample or a sample obtained from a patient). These compositions, kits, and methods are substantially the same as those described above, except that, where necessary, the compositions, kits, and methods are adapted for use with samples other than patient samples. For example, when the sample to be used is a parafinized, archived human tissue sample, it can be necessary to adjust the ratio of compounds in the compositions of the invention, in the kits of the invention, or the methods used to assess levels of marker expression in the sample. Such methods are well known in the art and within the skill of the ordinary artisan.

The invention includes a kit for assessing the presence of ovarian cancer cells (e.g. in a sample such as a patient sample). The kit comprises a plurality of reagents, each of which is capable of binding specifically with a nucleic acid or polypeptide corresponding to a marker of the invention. Suitable reagents for binding with a polypeptide corresponding to a marker of the invention include antibodies, antibody derivatives, antibody fragments, and the like. Suitable reagents for binding with a nucleic acid (e.g. a genomic DNA, an mRNA, a spliced mRNA, a cDNA, or the like) include complementary nucleic acids. For example, the nucleic acid reagents may include oligonucleotides (labeled or non-labeled) fixed to a substrate, labeled oligonucleotides not bound with a substrate, pairs of PCR primers, molecular beacon probes, and the like.

The kit of the invention may optionally comprise additional components useful for performing the methods of the invention. By way of example, the kit may comprise fluids (e.g. SSC buffer) suitable for annealing complementary nucleic acids or for binding an antibody with a protein with which it specifically binds, one or more sample compartments, an instructional material which describes performance of a method of the invention, a sample of normal ovarian cells, a sample of ovarian cancer cells, and the like.

- 33 -

The invention also includes a method of making an isolated hybridoma which produces an antibody useful for assessing whether patient is afflicted with an ovarian cancer. In this method, a protein corresponding to a marker of the invention or a fragment of the protein is isolated (e.g. by purification from a cell in which it is expressed or by transcription and translation of a nucleic acid encoding the protein in vivo or in vitro using known methods). A vertebrate, preferably a mammal such as a mouse, rat, rabbit, or sheep, is immunized using the isolated protein or fragment thereof. The vertebrate may optionally (and preferably) be immunized at least one additional time with the isolated protein or fragment, so that the vertebrate exhibits a robust immune response to the protein. Splenocytes are isolated from the immunized vertebrate and fused with an immortalized cell line to form hybridomas, using any of a variety of methods well known in the art. Hybridomas formed in this manner are then screened using standard methods to identify one or more hybridomas which produce an antibody which specifically binds with the protein. The invention also includes hybridomas made by this method and antibodies made using such hybridomas. An antibody of the invention may also be used as a therapeutic agent for treating cancers, particularly ovarian cancers (see e.g., Table 8).

The invention also includes a method of assessing the efficacy of a test compound for inhibiting ovarian cancer cells. As described above, differences in the level of expression of the markers of the invention correlate with the cancerous state of ovarian cells. Although it is recognized that changes in the levels of expression of certain of the markers of the invention likely result from the cancerous state of ovarian cells, it is likewise recognized that changes in the levels of expression of other of the markers of the invention induce, maintain, and promote the cancerous state of those cells. Thus, compounds which inhibit an ovarian cancer in a patient will cause the level of expression of one or more of the markers of the invention to change to a level nearer the normal level of expression for that marker (*i.e.* the level of expression for the marker in non-cancerous ovarian cells).

This method thus comprises comparing expression of a marker in a first ovarian cell sample and maintained in the presence of the test compound and expression of the marker in a second ovarian cell sample and maintained in the absence of the test compound. A significant increase in the level of expression of a marker listed in Table

WO 01/18542

- 34 -

3A, 5, 7C and/or 7E, or a significant decrease in the level of expression of a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and/or 8, is an indication that the test compound inhibits ovarian cancer. The ovarian cell samples may, for example, be aliquots of a single sample of normal ovarian cells obtained from a patient, pooled samples of normal ovarian cells obtained from a patient, cells of a normal ovarian cell line, aliquots of a single sample of ovarian cancer cells obtained from a patient, pooled samples of ovarian cancer cells obtained from a patient, cells of an ovarian cancer cell line, or the like. In one embodiment, the samples are ovarian cancer cells obtained from a patient and a plurality of compounds known to be effective for inhibiting various ovarian cancers are tested in order to identify the compound which is likely to best inhibit the ovarian cancer in the patient.

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This method may likewise be used to assess the efficacy of a therapy for inhibiting ovarian cancer in a patient. In this method, the level of expression of one or more markers of the invention in a pair of samples (one subjected to the therapy, the other not subjected to the therapy) is assessed. As with the method of assessing the efficacy of test compounds, if the therapy induces a significant decrease in the level of expression of a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and/or 8, or blocks induction of a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and/or 8, or if the therapy induces a significant enhancement of the level of expression of a marker listed in Tables 3A, 5, 7C and 7E, then the therapy is efficacious for inhibiting ovarian cancer. As above, if samples from a selected patient are used in this method, then alternative therapies can be assessed in vitro in order to select a therapy most likely to be efficacious for inhibiting ovarian cancer in the patient.

As described herein, ovarian cancer in patients is associated with an increase in the level of expression of one or more markers listed in either or both of Tables 1, 1A, 25 2A, 4, 6, 6A, 7A, 7B, 7D and/or 8, with a decrease in the level of expression of one or more markers listed in Table 3A, 5, 7C and 7E, or with both. While, as discussed above, some of these changes in expression level result from occurrence of the ovarian cancer, others of these changes induce, maintain, and promote the cancerous state of ovarian cancer cells. Thus, ovarian cancer characterized by an increase in the level of expression of one or more markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and/or 8 can be inhibited by inhibiting expression of those markers. Likewise, ovarian

cancer characterized by a decrease in the level of expression of one or more markers listed in Table 3A, 5, 7C and 7E can be inhibited by enhancing expression of those markers.

Expression of a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8 can be inhibited in a number of ways generally known in the art. For example, an antisense oligonucleotide can be provided to the ovarian cancer cells in order to inhibit transcription, translation, or both, of the marker(s). Alternately, a polynucleotide encoding an antibody, an antibody derivative, or an antibody fragment which specifically binds the protein corresponding to the marker, and operably linked with an appropriate promoter/regulator region, can be provided to the cell in order to generate intracellular antibodies which will inhibit the function or activity of the protein. The expression and/or function of a marker may also be inhibited by treating the ovarian cancer cell with a heterologous antibody or antibody derivative that specifically binds the protein corresponding to the marker. Using the methods described herein, a variety of molecules, particularly including molecules sufficiently small that they are able to cross the cell membrane, can be screened in order to identify molecules which inhibit expression of the marker(s). The compound so identified can be provided to the patient in order to inhibit expression of the marker(s) in the ovarian cancer cells of the patient.

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Expression of a marker listed in Tables 3A, 5, 7C and 7E can be enhanced in a number of ways generally known in the art. For example, a polynucleotide encoding the marker and operably linked with an appropriate promoter/regulator region can be provided to ovarian cancer cells of the patient in order to induce enhanced expression of the protein (and mRNA) corresponding to the marker therein. Alternatively, if the protein is capable of crossing the cell membrane, inserting itself in the cell membrane, or is normally a secreted protein, then expression of the protein can be enhanced by providing the protein (e.g. directly or by way of the bloodstream or another ovary-associated fluid) to ovarian cancer cells in the patient.

As described above, the cancerous state of human ovarian cells is correlated with changes in the levels of expression of the markers of the invention. Thus, compounds which induce increased expression of one or more of the markers listed in either or both of Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, decreased expression of one or more of the markers listed in either or both of Tables 3A, 5, 7C and 7E, or both, can induce

ovarian cell carcinogenesis. The invention includes a method for assessing the human ovarian cell carcinogenic potential of a test compound. This method comprises maintaining separate aliquots of human ovarian cells in the presence and absence of the test compound. Expression of a marker of the invention in each of the aliquots is compared. A significant increase in the level of expression of a marker listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, or a significant decrease in the level of expression of a marker listed in Tables 3A, 5, 7C and 7E in the aliquot maintained in the presence of the test compound (relative to the aliquot maintained in the absence of the test compound) is an indication that the test compound possesses human ovarian cell carcinogenic potential. The relative carcinogenic potentials of various test compounds can be assessed by comparing the degree of enhancement or inhibition of the level of expression of the relevant markers, by comparing the number of markers for which the level of expression is enhanced or inhibited, or by comparing both.

- 36 -

PCT/US00/24199

Various aspects of the invention are described in further detail in the following subsections.

## I. Isolated Nucleic Acid Molecules

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One aspect of the invention pertains to isolated nucleic acid molecules that correspond to a marker of the invention, including nucleic acids which encode a polypeptide corresponding to a marker of the invention or a portion of such a polypeptide. Isolated nucleic acids of the invention also include nucleic acid molecules sufficient for use as hybridization probes to identify nucleic acid molecules that correspond to a marker of the invention, including nucleic acids which encode a polypeptide corresponding to a marker of the invention, and fragments of such nucleic acid molecules, e.g., those suitable for use as PCR primers for the amplification or mutation of nucleic acid molecules. As used herein, the term "nucleic acid molecule" is intended to include DNA molecules (e.g., cDNA or genomic DNA) and RNA molecules (e.g., mRNA) and analogs of the DNA or RNA generated using nucleotide analogs. The nucleic acid molecule can be single-stranded or double-stranded, but preferably is double-stranded DNA.

An "isolated" nucleic acid molecule is one which is separated from other nucleic acid molecules which are present in the natural source of the nucleic acid molecule. Preferably, an "isolated" nucleic acid molecule comprises a protein-coding sequence and is free of sequences which naturally flank the coding sequence in the genomic DNA of the organism from which the nucleic acid is derived. For example, in various embodiments, the isolated nucleic acid molecule can contain less than about 5 kB, 4 kB, 3 kB, 2 kB, 1 kB, 0.5 kB or 0.1 kB of nucleotide sequences which naturally flank the nucleic acid molecule in genomic DNA of the cell from which the nucleic acid is derived. Moreover, an "isolated" nucleic acid molecule, such as a cDNA molecule, can be substantially free of other cellular material, or culture medium when produced by recombinant techniques, or substantially free of chemical precursors or other chemicals when chemically synthesized.

A nucleic acid molecule of the present invention, e.g., a nucleic acid encoding a protein corresponding to a marker listed in one or more of Tables 1-11, can be isolated using standard molecular biology techniques and the sequence information in the database records described herein. Using all or a portion of such nucleic acid sequences, nucleic acid molecules of the invention can be isolated using standard hybridization and cloning techniques (e.g., as described in Sambrook et al., ed., Molecular Cloning: A Laboratory Manual, 2nd ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, 1989).

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A nucleic acid molecule of the invention can be amplified using cDNA, mRNA, or genomic DNA as a template and appropriate oligonucleotide primers according to standard PCR amplification techniques. The nucleic acid so amplified can be cloned into an appropriate vector and characterized by DNA sequence analysis. Furthermore, oligonucleotides corresponding to all or a portion of a nucleic acid molecule of the invention can be prepared by standard synthetic techniques, *e.g.*, using an automated DNA synthesizer.

In another preferred embodiment, an isolated nucleic acid molecule of the invention comprises a nucleic acid molecule which has a nucleotide sequence complementary to the nucleotide sequence of a nucleic acid corresponding to a marker of the invention or to the nucleotide sequence of a nucleic acid encoding a protein which corresponds to a marker of the invention. A nucleic acid molecule which is

- 38 -

PCT/US00/24199

complementary to a given nucleotide sequence is one which is sufficiently complementary to the given nucleotide sequence that it can hybridize to the given nucleotide sequence thereby forming a stable duplex.

Moreover, a nucleic acid molecule of the invention can comprise only a portion of a nucleic acid sequence, wherein the full length nucleic acid sequence comprises a marker of the invention or which encodes a polypeptide corresponding to a marker of the invention. Such nucleic acids can be used, for example, as a probe or primer. The probe/primer typically is used as one or more substantially purified oligonucleotides. The oligonucleotide typically comprises a region of nucleotide sequence that hybridizes under stringent conditions to at least about 7, preferably about 15, more preferably about 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, or 400 or more consecutive nucleotides of a nucleic acid of the invention.

Probes based on the sequence of a nucleic acid molecule of the invention can be used to detect transcripts or genomic sequences corresponding to one or more markers of the invention. The probe comprises a label group attached thereto, e.g., a radioisotope, a fluorescent compound, an enzyme, or an enzyme co-factor. Such probes can be used as part of a diagnostic test kit for identifying cells or tissues which misexpress the protein, such as by measuring levels of a nucleic acid molecule encoding the protein in a sample of cells from a subject, e.g., detecting mRNA levels or determining whether a gene encoding the protein has been mutated or deleted.

The invention further encompasses nucleic acid molecules that differ, due to degeneracy of the genetic code, from the nucleotide sequence of nucleic acids encoding a protein which corresponds to a marker of the invention, and thus encode the same protein.

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In addition to the nucleotide sequences described in the GenBank and IMAGE Consortium database records described herein, it will be appreciated by those skilled in the art that DNA sequence polymorphisms that lead to changes in the amino acid sequence can exist within a population (e.g., the human population). Such genetic polymorphisms can exist among individuals within a population due to natural allelic variation. An allele is one of a group of genes which occur alternatively at a given genetic locus. In addition, it will be appreciated that DNA polymorphisms that affect

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of the invention.

WO 01/18542 PCT/US00/24199

RNA expression levels can also exist that may affect the overall expression level of that gene (e.g., by affecting regulation or degradation).

- 39 -

As used herein, the phrase "allelic variant" refers to a nucleotide sequence which occurs at a given locus or to a polypeptide encoded by the nucleotide sequence.

As used herein, the terms "gene" and "recombinant gene" refer to nucleic acid molecules comprising an open reading frame encoding a polypeptide corresponding to a marker of the invention. Such natural allelic variations can typically result in 0.1 –0.5 % variance in the nucleotide sequence of a given gene. Alternative alleles can be identified by sequencing the gene of interest in a number of different individuals. This can be readily carried out by using hybridization probes to identify the same genetic locus in a variety of individuals. Any and all such nucleotide variations and resulting amino acid polymorphisms or variations that are the result of natural allelic

variation and that do not alter the functional activity are intended to be within the scope

In another embodiment, an isolated nucleic acid molecule of the invention is at least 7, 15, 20, 25, 30, 40, 60, 80, 100, 150, 200, 250, 300, 350, 400, 450, 550, 650, 700, 800, 900, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400, 2600, 2800, 3000, 3500, 4000, 4500, or more nucleotides in length and hybridizes under stringent conditions to a nucleic acid corresponding to a marker of the invention or to a nucleic acid encoding a protein corresponding to a marker of the invention. As used herein, the term "hybridizes under stringent conditions" is intended to describe conditions for hybridization and washing under which nucleotide sequences at least 75% (80%, 85%, preferably 90%) identical to each other typically remain hybridized to each other. Such stringent conditions are known to those skilled in the art and can be found in sections 6.3.1-6.3.6 of Current Protocols in Molecular Biology, John Wiley & Sons, N.Y. (1989). A preferred, non-limiting example of stringent hybridization conditions for annealing two single-stranded DNA each of which is at least about 100 bases in length and/or for annealing a single-stranded DNA and a single-stranded RNA each of which is at least about 100 bases in length, are hybridization in 6X sodium chloride/sodium citrate (SSC) at about 45°C, followed by one or more washes in 0.2X SSC, 0.1% SDS at 50-65°C. Further preferred hybridization conditions are taught in Lockhart, et al., Nature Biotechnology, Volume 14, 1996 August: 1675-1680; Breslauer, et al., Proc. Natl. Acad.

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Sci. USA, Volume 83, 1986 June: 3746-3750; Van Ness, et al., Nucleic Acids Research, Volume 19, No. 19, 1991 September: 5143-5151; McGraw, et al., BioTechniques, Volume 8, No. 6 1990: 674-678; and Milner, et al., Nature Biotechnology, Volume 15, 1997 June: 537-541, all expressly incorporated by reference.

In addition to naturally-occurring allelic variants of a nucleic acid molecule of the invention that can exist in the population, the skilled artisan will further appreciate that sequence changes can be introduced by mutation thereby leading to changes in the amino acid sequence of the encoded protein, without altering the biological activity of the protein encoded thereby. For example, one can make nucleotide substitutions leading to amino acid substitutions at "non-essential" amino acid residues. A "non-essential" amino acid residue is a residue that can be altered from the wild-type sequence without altering the biological activity, whereas an "essential" amino acid residue is required for biological activity. For example, amino acid residues that are not conserved or only semi-conserved among homologs of various species may be non-essential for activity and thus would be likely targets for alteration. Alternatively, amino acid residues that are conserved among the homologs of various species (e.g., murine and human) may be essential for activity and thus would not be likely targets for alteration.

Accordingly, another aspect of the invention pertains to nucleic acid molecules encoding a polypeptide of the invention that contain changes in amino acid residues that are not essential for activity. Such polypeptides differ in amino acid sequence from the naturally-occurring proteins which correspond to the markers of the invention, yet retain biological activity. In one embodiment, such a protein has an amino acid sequence that is at least about 40% identical, 50%, 60%, 70%, 80%, 90%, 95%, or 98% identical to the amino acid sequence of one of the proteins which correspond to the markers of the invention.

An isolated nucleic acid molecule encoding a variant protein can be created by introducing one or more nucleotide substitutions, additions or deletions into the nucleotide sequence of nucleic acids of the invention, such that one or more amino acid residue substitutions, additions, or deletions are introduced into the encoded protein. Mutations can be introduced by standard techniques, such as site-directed mutagenesis and PCR-mediated mutagenesis. Preferably, conservative amino acid substitutions are

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made at one or more predicted non-essential amino acid residues. A "conservative amino acid substitution" is one in which the amino acid residue is replaced with an amino acid residue having a similar side chain. Families of amino acid residues having similar side chains have been defined in the art. These families include amino acids with basic side chains (e.g., lysine, arginine, histidine), acidic side chains (e.g., aspartic acid, glutamic acid), uncharged polar side chains (e.g., glycine, asparagine, glutamine, serine, threonine, tyrosine, cysteine), non-polar side chains (e.g., alanine, valine, leucine, isoleucine, proline, phenylalanine, methionine, tryptophan), beta-branched side chains (e.g., threonine, valine, isoleucine) and aromatic side chains (e.g., tyrosine, phenylalanine, tryptophan, histidine). Alternatively, mutations can be introduced randomly along all or part of the coding sequence, such as by saturation mutagenesis, and the resultant mutants can be screened for biological activity to identify mutants that retain activity. Following mutagenesis, the encoded protein can be expressed recombinantly and the activity of the protein can be determined.

The present invention encompasses antisense nucleic acid molecules, *i.e.*, molecules which are complementary to a sense nucleic acid of the invention, *e.g.*, complementary to the coding strand of a double-stranded cDNA molecule corresponding to a marker of the invention or complementary to an mRNA sequence corresponding to a marker of the invention. Accordingly, an antisense nucleic acid of the invention can hydrogen bond to (*i.e.* anneal with) a sense nucleic acid of the invention. The antisense nucleic acid can be complementary to an entire coding strand, or to only a portion thereof, *e.g.*, all or part of the protein coding region (or open reading frame). An antisense nucleic acid molecule can also be antisense to all or part of a noncoding region of the coding strand of a nucleotide sequence encoding a polypeptide of the invention. The non-coding regions ("5' and 3' untranslated regions") are the 5' and 3' sequences which flank the coding region and are not translated into amino acids.

An antisense oligonucleotide can be, for example, about 5, 10, 15, 20, 25, 30, 35, 40, 45, or 50 or more nucleotides in length. An antisense nucleic acid of the invention can be constructed using chemical synthesis and enzymatic ligation reactions using procedures known in the art. For example, an antisense nucleic acid (e.g., an antisense oligonucleotide) can be chemically synthesized using naturally occurring nucleotides or variously modified nucleotides designed to increase the biological stability of the

WO 01/18542 PCT/US00/24199

- 42 -

molecules or to increase the physical stability of the duplex formed between the antisense and sense nucleic acids, e.g., phosphorothioate derivatives and acridine substituted nucleotides can be used. Examples of modified nucleotides which can be used to generate the antisense nucleic acid include 5-fluorouracil, 5-bromouracil, 5chlorouracil, 5-iodouracil, hypoxanthine, xanthine, 4-acetylcytosine, 5-(carboxyhydroxylmethyl) uracil, 5-carboxymethylaminomethyl-2-thiouridine, 5carboxymethylaminomethyluracil, dihydrouracil, beta-D-galactosylqueosine, inosine, N6-isopentenyladenine, 1-methylguanine, 1-methylinosine, 2,2-dimethylguanine, 2methyladenine, 2-methylguanine, 3-methylcytosine, 5-methylcytosine, N6-adenine, 7methylguanine, 5-methylaminomethyluracil, 5-methoxyaminomethyl-2-thiouracil, beta-D-mannosylqueosine, 5'-methoxycarboxymethyluracil, 5-methoxyuracil, 2-methylthio-N6-isopentenyladenine, uracil-5-oxyacetic acid (v), wybutoxosine, pseudouracil, queosine, 2-thiocytosine, 5-methyl-2-thiouracil, 2-thiouracil, 4-thiouracil, 5methyluracil, uracil-5-oxyacetic acid methylester, uracil-5-oxyacetic acid (v), 5-methyl-2-thiouracil, 3-(3-amino-3-N-2-carboxypropyl) uracil, (acp3)w, and 2,6-diaminopurine. 15 Alternatively, the antisense nucleic acid can be produced biologically using an expression vector into which a nucleic acid has been sub-cloned in an antisense orientation (i.e., RNA transcribed from the inserted nucleic acid will be of an antisense orientation to a target nucleic acid of interest, described further in the following 20 subsection).

The antisense nucleic acid molecules of the invention are typically administered to a subject or generated *in situ* such that they hybridize with or bind to cellular mRNA and/or genomic DNA encoding a polypeptide corresponding to a selected marker of the invention to thereby inhibit expression of the marker, *e.g.*, by inhibiting transcription and/or translation. The hybridization can be by conventional nucleotide complementarity to form a stable duplex, or, for example, in the case of an antisense nucleic acid molecule which binds to DNA duplexes, through specific interactions in the major groove of the double helix. Examples of a route of administration of antisense nucleic acid molecules of the invention includes direct injection at a tissue site or infusion of the antisense nucleic acid into an ovary-associated body fluid. Alternatively, antisense nucleic acid molecules can be modified to target selected cells and then administered systemically. For example, for systemic administration, antisense

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WO 01/18542

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molecules can be modified such that they specifically bind to receptors or antigens expressed on a selected cell surface, e.g., by linking the antisense nucleic acid molecules to peptides or antibodies which bind to cell surface receptors or antigens. The antisense nucleic acid molecules can also be delivered to cells using the vectors described herein.

To achieve sufficient intracellular concentrations of the antisense molecules, vector constructs in which the antisense nucleic acid molecule is placed under the control of a strong pol II or pol III promoter are preferred.

An antisense nucleic acid molecule of the invention can be an α-anomeric nucleic acid molecule. An α-anomeric nucleic acid molecule forms specific doublestranded hybrids with complementary RNA in which, contrary to the usual α-units, the strands run parallel to each other (Gaultier *et al.*, 1987, *Nucleic Acids Res.* 15:6625-6641). The antisense nucleic acid molecule can also comprise a 2'-o-methylribonucleotide (Inoue *et al.*, 1987, *Nucleic Acids Res.* 15:6131-6148) or a chimeric RNA-DNA analogue (Inoue *et al.*, 1987, *FEBS Lett.* 215:327-330).

The invention also encompasses ribozymes. Ribozymes are catalytic RNA molecules with ribonuclease activity which are capable of cleaving a single-stranded nucleic acid, such as an mRNA, to which they have a complementary region. Thus, ribozymes (e.g., hammerhead ribozymes as described in Haselhoff and Gerlach, 1988, *Nature* 334:585-591) can be used to catalytically cleave mRNA transcripts to thereby inhibit translation of the protein encoded by the mRNA. A ribozyme having specificity for a nucleic acid molecule encoding a polypeptide corresponding to a marker of the invention can be designed based upon the nucleotide sequence of a cDNA corresponding to the marker. For example, a derivative of a *Tetrahymena* L-19 IVS RNA can be constructed in which the nucleotide sequence of the active site is complementary to the nucleotide sequence to be cleaved (see Cech et al. U.S. Patent No. 4,987,071; and Cech et al. U.S. Patent No. 5,116,742). Alternatively, an mRNA encoding a polypeptide of the invention can be used to select a catalytic RNA having a specific ribonuclease activity from a pool of RNA molecules (see, e.g., Bartel and Szostak, 1993, *Science* 261:1411-1418).

The invention also encompasses nucleic acid molecules which form triple helical structures. For example, expression of a polypeptide of the invention can be inhibited by targeting nucleotide sequences complementary to the regulatory region of the gene

WO 01/18542

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PCT/US00/24199

encoding the polypeptide (e.g., the promoter and/or enhancer) to form triple helical structures that prevent transcription of the gene in target cells. See generally Helene (1991) Anticancer Drug Des. 6(6):569-84; Helene (1992) Ann. N.Y. Acad. Sci. 660:27-36; and Maher (1992) Bioassays 14(12):807-15.

In various embodiments, the nucleic acid molecules of the invention can be modified at the base moiety, sugar moiety or phosphate backbone to improve, e.g., the stability, hybridization, or solubility of the molecule. For example, the deoxyribose phosphate backbone of the nucleic acids can be modified to generate peptide nucleic acids (see Hyrup et al., 1996, Bioorganic & Medicinal Chemistry 4(1): 5-23). As used 10 herein, the terms "peptide nucleic acids" or "PNAs" refer to nucleic acid mimics, e.g., DNA mimics, in which the deoxyribose phosphate backbone is replaced by a pseudopeptide backbone and only the four natural nucleobases are retained. The neutral backbone of PNAs has been shown to allow for specific hybridization to DNA and RNA under conditions of low ionic strength. The synthesis of PNA oligomers can be performed using standard solid phase peptide synthesis protocols as described in Hyrup et al. (1996), supra; Perry-O'Keefe et al. (1996) Proc. Natl. Acad. Sci. USA 93:14670-675.

PNAs can be used in the rapeutic and diagnostic applications. For example, PNAs can be used as antisense or antigene agents for sequence-specific modulation of gene expression by, e.g., inducing transcription or translation arrest or inhibiting replication. PNAs can also be used, e.g., in the analysis of single base pair mutations in a gene by, e.g., PNA directed PCR clamping; as artificial restriction enzymes when used in combination with other enzymes, e.g., SI nucleases (Hyrup (1996), supra; or as probes or primers for DNA sequence and hybridization (Hyrup, 1996, supra; Perry-O'Keefe et al., 1996, Proc. Natl. Acad. Sci. USA 93:14670-675).

In another embodiment, PNAs can be modified, e.g., to enhance their stability or cellular uptake, by attaching lipophilic or other helper groups to PNA, by the formation of PNA-DNA chimeras, or by the use of liposomes or other techniques of drug delivery known in the art. For example, PNA-DNA chimeras can be generated which can combine the advantageous properties of PNA and DNA. Such chimeras allow DNA recognition enzymes, e.g., RNASE H and DNA polymerases, to interact with the DNA portion while the PNA portion would provide high binding affinity and specificity.

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- 45 -

PCT/US00/24199

PNA-DNA chimeras can be linked using linkers of appropriate lengths selected in terms of base stacking, number of bonds between the nucleobases, and orientation (Hyrup, 1996, *supra*). The synthesis of PNA-DNA chimeras can be performed as described in Hyrup (1996), *supra*, and Finn *et al.* (1996) *Nucleic Acids Res.* 24(17):3357-63. For example, a DNA chain can be synthesized on a solid support using standard phosphoramidite coupling chemistry and modified nucleoside analogs. Compounds such as 5'-(4-methoxytrityl)amino-5'-deoxy-thymidine phosphoramidite can be used as a link between the PNA and the 5' end of DNA (Mag *et al.*, 1989, *Nucleic Acids Res.* 17:5973-88). PNA monomers are then coupled in a step-wise manner to produce a chimeric molecule with a 5' PNA segment and a 3' DNA segment (Finn *et al.*, 1996, *Nucleic Acids Res.* 24(17):3357-63). Alternatively, chimeric molecules can be synthesized with a 5' DNA segment and a 3' PNA segment (Peterser *et al.*, 1975, *Bioorganic Med. Chem. Lett.* 5:1119-11124).

In other embodiments, the oligonucleotide can include other appended groups such as peptides (e.g., for targeting host cell receptors in vivo), or agents facilitating transport across the cell membrane (see, e.g., Letsinger et al., 1989, Proc. Natl. Acad. Sci. USA 86:6553-6556; Lemaitre et al., 1987, Proc. Natl. Acad. Sci. USA 84:648-652; PCT Publication No. WO 88/09810) or the blood-brain barrier (see, e.g., PCT Publication No. WO 89/10134). In addition, oligonucleotides can be modified with hybridization-triggered cleavage agents (see, e.g., Krol et al., 1988, Bio/Techniques 6:958-976) or intercalating agents (see, e.g., Zon, 1988, Pharm. Res. 5:539-549). To this end, the oligonucleotide can be conjugated to another molecule, e.g., a peptide, hybridization triggered cross-linking agent, transport agent, hybridization-triggered cleavage agent, etc.

The invention also includes molecular beacon nucleic acids having at least one region which is complementary to a nucleic acid of the invention, such that the molecular beacon is useful for quantitating the presence of the nucleic acid of the invention in a sample. A "molecular beacon" nucleic acid is a nucleic acid comprising a pair of complementary regions and having a fluorophore and a fluorescent quencher associated therewith. The fluorophore and quencher are associated with different portions of the nucleic acid in such an orientation that when the complementary regions are annealed with one another, fluorescence of the fluorophore is quenched by the

quencher. When the complementary regions of the nucleic acid are not annealed with one another, fluorescence of the fluorophore is quenched to a lesser degree. Molecular beacon nucleic acids are described, for example, in U.S. Patent 5,876,930.

## 5 II. Isolated Proteins and Antibodies

WO 01/18542

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One aspect of the invention pertains to isolated proteins which correspond to individual markers of the invention, and biologically active portions thereof, as well as polypeptide fragments suitable for use as immunogens to raise antibodies directed against a polypeptide corresponding to a marker of the invention. In one embodiment, the native polypeptide corresponding to a marker can be isolated from cells or tissue sources by an appropriate purification scheme using standard protein purification techniques. In another embodiment, polypeptides corresponding to a marker of the invention are produced by recombinant DNA techniques. Alternative to recombinant expression, a polypeptide corresponding to a marker of the invention can be synthesized chemically using standard peptide synthesis techniques.

An "isolated" or "purified" protein or biologically active portion thereof is substantially free of cellular material or other contaminating proteins from the cell or tissue source from which the protein is derived, or substantially free of chemical precursors or other chemicals when chemically synthesized. The language "substantially free of cellular material" includes preparations of protein in which the protein is separated from cellular components of the cells from which it is isolated or recombinantly produced. Thus, protein that is substantially free of cellular material includes preparations of protein having less than about 30%, 20%, 10%, or 5% (by dry weight) of heterologous protein (also referred to herein as a "contaminating protein"). When the protein or biologically active portion thereof is recombinantly produced, it is also preferably substantially free of culture medium, i.e., culture medium represents less than about 20%, 10%, or 5% of the volume of the protein preparation. When the protein is produced by chemical synthesis, it is preferably substantially free of chemical precursors or other chemicals, i.e., it is separated from chemical precursors or other chemicals which are involved in the synthesis of the protein. Accordingly such preparations of the protein have less than about 30%, 20%, 10%, 5% (by dry weight) of chemical precursors or compounds other than the polypeptide of interest.

PCT/US00/24199 WO 01/18542

- 47 -

Biologically active portions of a polypeptide corresponding to a marker of the invention include polypeptides comprising amino acid sequences sufficiently identical to or derived from the amino acid sequence of the protein corresponding to the marker (e.g., the amino acid sequence listed in the GenBank and IMAGE Consortium database records described herein), which include fewer amino acids than the full length protein, and exhibit at least one activity of the corresponding full-length protein. Typically, biologically active portions comprise a domain or motif with at least one activity of the corresponding protein. A biologically active portion of a protein of the invention can be a polypeptide which is, for example, 10, 25, 50, 100 or more amino acids in length. Moreover, other biologically active portions, in which other regions of the protein are deleted, can be prepared by recombinant techniques and evaluated for one or more of the functional activities of the native form of a polypeptide of the invention.

Preferred polypeptides have the amino acid sequence listed in the one of the GcnBank and IMAGE Consortium database records described herein. Other useful proteins are substantially identical (e.g., at least about 40%, preferably 50%, 60%, 70%, 80%, 90%, 95%, or 99%) to one of these sequences and retain the functional activity of the protein of the corresponding naturally-occurring protein yet differ in amino acid sequence due to natural allelic variation or mutagenesis.

To determine the percent identity of two amino acid sequences or of two nucleic acids, the sequences are aligned for optimal comparison purposes (e.g., gaps can be introduced in the sequence of a first amino acid or nucleic acid sequence for optimal alignment with a second amino or nucleic acid sequence). The amino acid residues or nucleotides at corresponding amino acid positions or nucleotide positions are then compared. When a position in the first sequence is occupied by the same amino acid residue or nucleotide as the corresponding position in the second sequence, then the molecules are identical at that position. The percent identity between the two sequences is a function of the number of identical positions shared by the sequences (i.e., % identity = # of identical positions/total # of positions (e.g., overlapping positions) x100). In one embodiment the two sequences are the same length.

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The determination of percent identity between two sequences can be accomplished using a mathematical algorithm. A preferred, non-limiting example of a mathematical algorithm utilized for the comparison of two sequences is the algorithm of

Karlin and Altschul (1990) Proc. Natl. Acad. Sci. USA 87:2264-2268, modified as in Karlin and Altschul (1993) Proc. Natl. Acad. Sci. USA 90:5873-5877. Such an algorithm is incorporated into the NBLAST and XBLAST programs of Altschul, et al. (1990) J. Mol. Biol. 215:403-410. BLAST nucleotide searches can be performed with the NBLAST program, score = 100, wordlength = 12 to obtain nucleotide sequences homologous to a nucleic acid molecules of the invention. BLAST protein searches can be performed with the XBLAST program, score = 50, wordlength = 3 to obtain amino acid sequences homologous to a protein molecules of the invention. To obtain gapped alignments for comparison purposes, Gapped BLAST can be utilized as described in Altschul et al. (1997) Nucleic Acids Res. 25:3389-3402. Alternatively, PSI-Blast can be used to perform an iterated search which detects distant relationships between molecules. When utilizing BLAST, Gapped BLAST, and PSI-Blast programs, the default parameters of the respective programs (e.g., XBLAST and NBLAST) can be used. See http://www.ncbi.nlm.nih.gov. Another preferred, non-limiting example of a mathematical algorithm utilized for the comparison of sequences is the algorithm of 15 Myers and Miller, (1988) Comput Appl Biosci, 4:11-7. Such an algorithm is incorporated into the ALIGN program (version 2.0) which is part of the GCG sequence alignment software package. When utilizing the ALIGN program for comparing amino acid sequences, a PAM120 weight residue table, a gap length penalty of 12, and a gap penalty of 4 can be used. Yet another useful algorithm for identifying regions of local sequence similarity and alignment is the FASTA algorithm as described in Pearson and Lipman (1988) Proc. Natl. Acad. Sci. USA 85:2444-2448. When using the FASTA algorithm for comparing nucleotide or amino acid sequences, a PAM120 weight residue table can, for example, be used with a k-tuple value of 2.

The percent identity between two sequences can be determined using techniques similar to those described above, with or without allowing gaps. In calculating percent identity, only exact matches are counted.

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The invention also provides chimeric or fusion proteins corresponding to a marker of the invention. As used herein, a "chimeric protein" or "fusion protein" comprises all or part (preferably a biologically active part) of a polypeptide corresponding to a marker of the invention operably linked to a heterologous polypeptide (i.e., a polypeptide other than the polypeptide corresponding to the marker).

WO 01/18542

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PCT/US00/24199

- 49 -

Within the fusion protein, the term "operably linked" is intended to indicate that the polypeptide of the invention and the heterologous polypeptide are fused in-frame to each other. The heterologous polypeptide can be fused to the amino-terminus or the carboxyl-terminus of the polypeptide of the invention.

One useful fusion protein is a GST fusion protein in which a polypeptide corresponding to a marker of the invention is fused to the carboxyl terminus of GST sequences. Such fusion proteins can facilitate the purification of a recombinant polypeptide of the invention.

In another embodiment, the fusion protein contains a heterologous signal sequence at its amino terminus. For example, the native signal sequence of a polypeptide corresponding to a marker of the invention can be removed and replaced with a signal sequence from another protein. For example, the gp67 secretory sequence of the baculovirus envelope protein can be used as a heterologous signal sequence (Ausubel et al., ed., Current Protocols in Molecular Biology, John Wiley & Sons, NY, 1992). Other examples of eukaryotic heterologous signal sequences include the secretory sequences of melittin and human placental alkaline phosphatase (Stratagene; La Jolla, California). In yet another example, useful prokaryotic heterologous signal sequences include the phoA secretory signal (Sambrook et al., supra) and the protein A secretory signal (Pharmacia Biotech; Piscataway, New Jersey).

In yet another embodiment, the fusion protein is an immunoglobulin fusion protein in which all or part of a polypeptide corresponding to a marker of the invention is fused to sequences derived from a member of the immunoglobulin protein family. The immunoglobulin fusion proteins of the invention can be incorporated into pharmaceutical compositions and administered to a subject to inhibit an interaction between a ligand (soluble or membrane-bound) and a protein on the surface of a cell (receptor), to thereby suppress signal transduction *in vivo*. The immunoglobulin fusion protein can be used to affect the bioavailability of a cognate ligand of a polypeptide of the invention. Inhibition of ligand/receptor interaction can be useful therapeutically, both for treating proliferative and differentiative disorders and for modulating (e.g. promoting or inhibiting) cell survival. Moreover, the immunoglobulin fusion proteins of the invention can be used as immunogens to produce antibodies directed against a

- 50 -

PCT/US00/24199

polypeptide of the invention in a subject, to purify ligands and in screening assays to identify molecules which inhibit the interaction of receptors with ligands.

Chimeric and fusion proteins of the invention can be produced by standard recombinant DNA techniques. In another embodiment, the fusion gene can be synthesized by conventional techniques including automated DNA synthesizers. Alternatively, PCR amplification of gene fragments can be carried out using anchor primers which give rise to complementary overhangs between two consecutive gene fragments which can subsequently be annealed and re-amplified to generate a chimeric gene sequence (see, e.g., Ausubel et al., supra). Moreover, many expression vectors are commercially available that already encode a fusion moiety (e.g., a GST polypeptide). A nucleic acid encoding a polypeptide of the invention can be cloned into such an expression vector such that the fusion moiety is linked in-frame to the polypeptide of the invention.

A signal sequence can be used to facilitate secretion and isolation of the secreted protein or other proteins of interest. Signal sequences are typically characterized by a core of hydrophobic amino acids which are generally cleaved from the mature protein during secretion in one or more cleavage events. Such signal peptides contain processing sites that allow cleavage of the signal sequence from the mature proteins as they pass through the secretory pathway. Thus, the invention pertains to the described polypeptides having a signal sequence, as well as to polypeptides from which the signal sequence has been proteolytically cleaved (i.e., the cleavage products). In one embodiment, a nucleic acid sequence encoding a signal sequence can be operably linked in an expression vector to a protein of interest, such as a protein which is ordinarily not secreted or is otherwise difficult to isolate. The signal sequence directs secretion of the protein, such as from a eukaryotic host into which the expression vector is transformed, and the signal sequence is subsequently or concurrently cleaved. The protein can then be readily purified from the extracellular medium by art recognized methods. Alternatively, the signal sequence can be linked to the protein of interest using a sequence which facilitates purification, such as with a GST domain.

The present invention also pertains to variants of the polypeptides corresponding to individual markers of the invention. Such variants have an altered amino acid sequence which can function as either agonists (mimetics) or as antagonists. Variants

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- 51 -

PCT/US00/24199

can be generated by mutagenesis, e.g., discrete point mutation or truncation. An agonist can retain substantially the same, or a subset, of the biological activities of the naturally occurring form of the protein. An antagonist of a protein can inhibit one or more of the activities of the naturally occurring form of the protein by, for example, competitively binding to a downstream or upstream member of a cellular signaling cascade which includes the protein of interest. Thus, specific biological effects can be elicited by treatment with a variant of limited function. Treatment of a subject with a variant having a subset of the biological activities of the naturally occurring form of the protein can have fewer side effects in a subject relative to treatment with the naturally occurring form of the protein.

Variants of a protein of the invention which function as either agonists (mimetics) or as antagonists can be identified by screening combinatorial libraries of mutants, e.g., truncation mutants, of the protein of the invention for agonist or antagonist activity. In one embodiment, a variegated library of variants is generated by combinatorial mutagenesis at the nucleic acid level and is encoded by a variegated gene library. A variegated library of variants can be produced by, for example, enzymatically ligating a mixture of synthetic oligonucleotides into gene sequences such that a degenerate set of potential protein sequences is expressible as individual polypeptides, or alternatively, as a set of larger fusion proteins (e.g., for phage display). There are a variety of methods which can be used to produce libraries of potential variants of the polypeptides of the invention from a degenerate oligonucleotide sequence. Methods for synthesizing degenerate oligonucleotides are known in the art (see, e.g., Narang, 1983, Tetrahedron 39:3; Itakura et al., 1984, Annu. Rev. Biochem. 53:323; Itakura et al., 1984, Science 198:1056; Ike et al., 1983 Nucleic Acid Res. 11:477).

In addition, libraries of fragments of the coding sequence of a polypeptide corresponding to a marker of the invention can be used to generate a variegated population of polypeptides for screening and subsequent selection of variants. For example, a library of coding sequence fragments can be generated by treating a double stranded PCR fragment of the coding sequence of interest with a nuclease under conditions wherein nicking occurs only about once per molecule, denaturing the double stranded DNA, renaturing the DNA to form double stranded DNA which can include sense/antisense pairs from different nicked products, removing single stranded portions

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from reformed duplexes by treatment with S1 nuclease, and ligating the resulting fragment library into an expression vector. By this method, an expression library can be derived which encodes amino terminal and internal fragments of various sizes of the protein of interest.

Several techniques are known in the art for screening gene products of combinatorial libraries made by point mutations or truncation, and for screening cDNA libraries for gene products having a selected property. The most widely used techniques, which are amenable to high through-put analysis, for screening large gene libraries typically include cloning the gene library into replicable expression vectors, transforming appropriate cells with the resulting library of vectors, and expressing the combinatorial genes under conditions in which detection of a desired activity facilitates isolation of the vector encoding the gene whose product was detected. Recursive ensemble mutagenesis (REM), a technique which enhances the frequency of functional mutants in the libraries, can be used in combination with the screening assays to identify variants of a protein of the invention (Arkin and Yourvan, 1992, *Proc. Natl. Acad. Sci. USA 89*:7811-7815; Delgrave *et al.*, 1993, *Protein Engineering* 6(3):327-331).

An isolated polypeptide corresponding to a marker of the invention, or a fragment thereof, can be used as an immunogen to generate antibodies using standard techniques for polyclonal and monoclonal antibody preparation. The full-length polypeptide or protein can be used or, alternatively, the invention provides antigenic peptide fragments for use as immunogens. The antigenic peptide of a protein of the invention comprises at least 8 (preferably 10, 15, 20, or 30 or more) amino acid residues of the amino acid sequence of one of the polypeptides of the invention, and encompasses an epitope of the protein such that an antibody raised against the peptide forms a specific immune complex with a marker of the invention to which the protein corresponds. Preferred epitopes encompassed by the antigenic peptide are regions that are located on the surface of the protein, *e.g.*, hydrophilic regions. Hydrophobicity sequence analysis, hydrophilicity sequence analysis, or similar analyses can be used to identify hydrophilic regions.

An immunogen typically is used to prepare antibodies by immunizing a suitable (i.e. immunocompetent) subject such as a rabbit, goat, mouse, or other mammal or vertebrate. An appropriate immunogenic preparation can contain, for example,

recombinantly-expressed or chemically-synthesized polypeptide. The preparation can further include an adjuvant, such as Freund's complete or incomplete adjuvant, or a similar immunostimulatory agent.

Accordingly, another aspect of the invention pertains to antibodies directed against a polypeptide of the invention. The terms "antibody" and "antibody substance" as used interchangeably herein refer to immunoglobulin molecules and immunologically active portions of immunoglobulin molecules, i.e., molecules that contain an antigen binding site which specifically binds an antigen, such as a polypeptide of the invention, e.g., an epitope of a polypeptide of the invention. A molecule which specifically binds 10 to a given polypeptide of the invention is a molecule which binds the polypeptide, but does not substantially bind other molecules in a sample, e.g., a biological sample, which naturally contains the polypeptide. Examples of immunologically active portions of immunoglobulin molecules include F(ab) and F(ab')<sub>2</sub> fragments which can be generated by treating the antibody with an enzyme such as pepsin. The invention provides polyclonal and monoclonal antibodies. The term "monoclonal antibody" or "monoclonal antibody composition", as used herein, refers to a population of antibody molecules that contain only one species of an antigen binding site capable of immunoreacting with a particular epitope.

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Polyclonal antibodies can be prepared as described above by immunizing a suitable subject with a polypeptide of the invention as an immunogen. Preferred polyclonal antibody compositions are ones that have been selected for antibodies directed against a polypeptide or polypeptides of the invention. Particularly preferred polyclonal antibody preparations are ones that contain only antibodies directed against a polypeptide or polypeptides of the invention. Particularly preferred immunogen compositions are those that contain no other human proteins such as, for example, immunogen compositions made using a non-human host cell for recombinant expression of a polypeptide of the invention. In such a manner, the only human epitope or epitopes recognized by the resulting antibody compositions raised against this immunogen will be present as part of a polypeptide or polypeptides of the invention.

The antibody titer in the immunized subject can be monitored over time by standard techniques, such as with an enzyme linked immunosorbent assay (ELISA) using immobilized polypeptide. If desired, the antibody molecules can be harvested or WO 01/18542

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- 54 -

isolated from the subject (e.g., from the blood or serum of the subject) and further purified by well-known techniques, such as protein A chromatography to obtain the IgG fraction. Alternatively, antibodies specific for a protein or polypeptide of the invention can be selected or (e.g., partially purified) or purified by, e.g., affinity chromatography.

PCT/US00/24199

For example, a recombinantly expressed and purified (or partially purified) protein of the invention is produced as described herein, and covalently or non-covalently coupled to a solid support such as, for example, a chromatography column. The column can then be used to affinity purify antibodies specific for the proteins of the invention from a sample containing antibodies directed against a large number of different epitopes,

thereby generating a substantially purified antibody composition, i.e., one that is substantially free of contaminating antibodies. By a substantially purified antibody composition is meant, in this context, that the antibody sample contains at most only 30% (by dry weight) of contaminating antibodies directed against epitopes other than those of the desired protein or polypeptide of the invention, and preferably at most 20%, yet more preferably at most 10%, and most preferably at most 5% (by dry weight) of the sample is contaminating antibodies. A purified antibody composition means that at least 99% of the antibodies in the composition are directed against the desired protein or polypeptide of the invention.

At an appropriate time after immunization, e.g., when the specific antibody titers are highest, antibody-producing cells can be obtained from the subject and used to 20 prepare monoclonal antibodies by standard techniques, such as the hybridoma technique originally described by Kohler and Milstein (1975) Nature 256:495-497, the human B cell hybridoma technique (see Kozbor et al., 1983, Immunol. Today 4:72), the EBVhybridoma technique (see Cole et al., pp. 77-96 In Monoclonal Antibodies and Cancer Therapy, Alan R. Liss, Inc., 1985) or trioma techniques. The technology for producing 25 hybridomas is well known (see generally Current Protocols in Immunology, Coligan et al. ed., John Wiley & Sons, New York, 1994). Hybridoma cells producing a monoclonal antibody of the invention are detected by screening the hybridoma culture supernatants for antibodies that bind the polypeptide of interest, e.g., using a standard ELISA assay. 30

PCT/US00/24199 WO 01/18542

- 55 -

Alternative to preparing monoclonal antibody-secreting hybridomas, a monoclonal antibody directed against a polypeptide of the invention can be identified and isolated by screening a recombinant combinatorial immunoglobulin library (e.g., an antibody phage display library) with the polypeptide of interest. Kits for generating and screening phage display libraries are commercially available (e.g., the Pharmacia Recombinant Phage Antibody System, Catalog No. 27-9400-01; and the Stratagene SurfZAP Phage Display Kit, Catalog No. 240612). Additionally, examples of methods and reagents particularly amenable for use in generating and screening antibody display library can be found in, for example, U.S. Patent No. 5,223,409; PCT Publication No. 10 WO 92/18619; PCT Publication No. WO 91/17271; PCT Publication No. WO 92/20791; PCT Publication No. WO 92/15679; PCT Publication No. WO 93/01288; PCT Publication No. WO 92/01047; PCT Publication No. WO 92/09690; PCT Publication No. WO 90/02809; Fuchs et al. (1991) Bio/Technology 9:1370-1372; Hay et al. (1992) Hum. Antibod. Hybridomas 3:81-85; Huse et al. (1989) Science 246:1275-

1281; Griffiths et al. (1993) EMBO J. 12:725-734. 15

Additionally, recombinant antibodies, such as chimeric and humanized monoclonal antibodies, comprising both human and non-human portions, which can be made using standard recombinant DNA techniques, are within the scope of the invention. A chimeric antibody is a molecule in which different portions are derived 20 from different animal species, such as those having a variable region derived from a murine mAb and a human immunoglobulin constant region. (See, e.g., Cabilly et al., U.S. Patent No. 4,816,567; and Boss et al., U.S. Patent No. 4,816,397, which are incorporated herein by reference in their entirety.) Humanized antibodies are antibody molecules from non-human species having one or more complementarily determining regions (CDRs) from the non-human species and a framework region from a human 25 immunoglobulin molecule. (See, e.g., Queen, U.S. Patent No. 5,585,089, which is incorporated herein by reference in its entirety.) Such chimeric and humanized monoclonal antibodies can be produced by recombinant DNA techniques known in the art, for example using methods described in PCT Publication No. WO 87/02671; European Patent Application 184,187; European Patent Application 171,496; European Patent Application 173,494; PCT Publication No. WO 86/01533; U.S. Patent No.

4,816,567; European Patent Application 125,023; Better et al. (1988) Science 240:1041-

1043; Liu et al. (1987) Proc. Natl. Acad. Sci. USA 84:3439-3443; Liu et al. (1987) J. Immunol. 139:3521-3526; Sun et al. (1987) Proc. Natl. Acad. Sci. USA 84:214-218; Nishimura et al. (1987) Cancer Res. 47:999-1005; Wood et al. (1985) Nature 314:446-449; and Shaw et al. (1988) J. Natl. Cancer Inst. 80:1553-1559); Morrison (1985) Science 229:1202-1207; Oi et al. (1986) Bio/Techniques 4:214; U.S. Patent 5,225,539; Jones et al. (1986) Nature 321:552-525; Verhoeyan et al. (1988) Science 239:1534; and Beidler et al. (1988) J. Immunol. 141:4053-4060.

Antibodies of the invention may be used as therapeutic agents in treating cancers. In a preferred embodiment, completely human antibodies of the invention are used for the rapeutic treatment of human cancer patients, particularly those having an ovarian cancer. Such antibodies can be produced, for example, using transgenic mice which are incapable of expressing endogenous immunoglobulin heavy and light chains genes, but which can express human heavy and light chain genes. The transgenic mice are immunized in the normal fashion with a selected antigen, e.g., all or a portion of a polypeptide corresponding to a marker of the invention. Monoclonal antibodies directed against the antigen can be obtained using conventional hybridoma technology. The human immunoglobulin transgenes harbored by the transgenic mice rearrange during B cell differentiation, and subsequently undergo class switching and somatic mutation. Thus, using such a technique, it is possible to produce therapeutically useful IgG, IgA and IgE antibodies. For an overview of this technology for producing human antibodies, see Lonberg and Huszar (1995) Int. Rev. Immunol. 13:65-93). For a detailed discussion of this technology for producing human antibodies and human monoclonal antibodies and protocols for producing such antibodies, see, e.g., U.S. Patent 5,625,126; U.S. Patent 5,633,425; U.S. Patent 5,569,825; U.S. Patent 5,661,016; and U.S. Patent 5,545,806. In addition, companies such as Abgenix, Inc. (Freemont, CA), can be engaged to provide human antibodies directed against a selected antigen using technology similar to that described above.

Completely human antibodies which recognize a selected epitope can be generated using a technique referred to as "guided selection." In this approach a selected non-human monoclonal antibody, e.g., a murine antibody, is used to guide the selection of a completely human antibody recognizing the same epitope (Jespers et al., 1994, Bio/technology 12:899-903).

WO 01/18542 PCT/US00/24199

- 57 -

An antibody directed against a polypeptide corresponding to a marker of the invention (e.g., a monoclonal antibody) can be used to isolate the polypeptide by standard techniques, such as affinity chromatography or immunoprecipitation. Moreover, such an antibody can be used to detect the marker (e.g., in a cellular lysate or cell supernatant) in order to evaluate the level and pattern of expression of the marker. The antibodies can also be used diagnostically to monitor protein levels in tissues or body fluids (e.g. in an ovary-associated body fluid) as part of a clinical testing procedure, e.g., to, for example, determine the efficacy of a given treatment regimen. Detection can be facilitated by coupling the antibody to a detectable substance. Examples of detectable substances include various enzymes, prosthetic groups, fluorescent materials, luminescent materials, bioluminescent materials, and radioactive materials. Examples of suitable enzymes include horseradish peroxidase, alkaline phosphatase, β-galactosidase, or acetylcholinesterase; examples of suitable prosthetic group complexes include streptavidin/biotin and avidin/biotin; examples of suitable fluorescent materials include umbelliferone, fluorescein, fluorescein isothiocyanate, 15 rhodamine, dichlorotriazinylamine fluorescein, dansyl chloride or phycoerythrin; an example of a luminescent material includes luminol; examples of bioluminescent

materials include luciferase, luciferin, and aequorin, and examples of suitable

radioactive material include <sup>125</sup>l, <sup>131</sup>l, <sup>35</sup>S or <sup>3</sup>H.

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Further, an antibody (or fragment thereof) can be conjugated to a therapeutic moiety such as a cytotoxin, a therapeutic agent or a radioactive metal ion. A cytotoxin or cytotoxic agent includes any agent that is detrimental to cells. Examples include taxol, cytochalasin B, gramicidin D, ethidium bromide, emetine, mitomycin, etoposide, tenoposide, vincristine, vinblastine, colchicin, doxorubicin, daunorubicin, dihydroxy anthracin dione, mitoxantrone, mithramycin, actinomycin D, 1-dehydrotestosterone, glucocorticoids, procaine, tetracaine, lidocaine, propranolol, and puromycin and analogs or homologs thereof. Therapeutic agents include, but are not limited to, antimetabolites (e.g., methotrexate, 6-mercaptopurine, 6-thioguanine, cytarabine, 5-fluorouracil decarbazine), alkylating agents (e.g., mechlorethamine, thioepa chlorambucil, melphalan, carmustine (BSNU) and lomustine (CCNU), cyclothosphamide, busulfan, dibromomannitol, streptozotocin, mitomycin C, and cis-dichlorodiamine platinum (II) (DDP) cisplatin), anthracyclines (e.g., daunorubicin (formerly daunomycin) and

WO 01/18542

doxorubicin), antibiotics (e.g., dactinomycin (formerly actinomycin), bleomycin, mithramycin, and anthramycin (AMC)), and anti-mitotic agents (e.g., vincristine and vinblastine).

- 58 -

The conjugates of the invention can be used for modifying a given biological response, the drug moiety is not to be construed as limited to classical chemical therapeutic agents. For example, the drug moiety may be a protein or polypeptide possessing a desired biological activity. Such proteins may include, for example, a toxin such as abrin, ricin A, pseudomonas exotoxin, or diphtheria toxin; a protein such as tumor necrosis factor, .alpha.-interferon, .beta.-interferon, nerve growth factor, platelet derived growth factor, tissue plasminogen activator, or, biological response modifiers such as, for example, lymphokines, interleukin-1 ("IL-1"), interleukin-2 ("IL-2"), interleukin-6 ("IL-6"), granulocyte macrophase colony stimulating factor ("GM-CSF"), granulocyte colony stimulating factor ("G-CSF"), or other growth factors.

Techniques for conjugating such therapeutic moiety to antibodies are well known, see, e.g., Arnon et al., "Monoclonal Antibodies For Immunotargeting Of Drugs 15 In Cancer Therapy", in Monoclonal Antibodies And Cancer Therapy, Reisfeld et al. (eds.), pp. 243-56 (Alan R. Liss, Inc. 1985); Hellstrom et al., "Antibodies For Drug Delivery", in Controlled Drug Delivery (2nd Ed.), Robinson et al. (eds.), pp. 623-53 (Marcel Dekker, Inc. 1987); Thorpe, "Antibody Carriers Of Cytotoxic Agents In Cancer Therapy: A Review", in Monoclonal Antibodies '84: Biological And Clinical Applications, Pinchera et al. (eds.), pp. 475-506 (1985); "Analysis, Results, And Future Prospective Of The Therapeutic Use Of Radiolabeled Antibody In Cancer Therapy", in Monoclonal Antibodies For Cancer Detection And Therapy, Baldwin et al. (eds.), pp. 303-16 (Academic Press 1985), and Thorpe et al., "The Preparation And Cytotoxic Properties Of Antibody-Toxin Conjugates", Immunol. Rev., 62:119-58 (1982). 25

Alternatively, an antibody can be conjugated to a second antibody to form an antibody heteroconjugate as described by Segal in U.S. Patent No. 4,676,980.

Accordingly, in one aspect, the invention provides substantially purified antibodies or fragments thereof, and non-human antibodies or fragments thereof, which antibodies or fragments specifically bind to a polypeptide comprising an amino acid sequence selected from the group consisting of the amino acid sequences of the present invention, an amino acid sequence encoded by the cDNA of the present invention, a

fragment of at least 15 amino acid residues of an amino acid sequence of the present invention, an amino acid sequence which is at least 95% identical to the amino acid sequence of the present invention (wherein the percent identity is determined using the ALIGN program of the GCG software package with a PAM120 weight residue table, a gap length penalty of 12, and a gap penalty of 4) and an amino acid sequence which is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule consisting of the nucleic acid molecules of the present invention, or a complement thereof, under conditions of hybridization of 6X SSC at 45°C and washing in 0.2 X SSC, 0.1% SDS at 65°C. In various embodiments, the substantially purified antibodies of the invention, or fragments thereof, can be human, non-human, chimeric and/or humanized antibodies.

In another aspect, the invention provides non-human antibodies or fragments thereof, which antibodies or fragments specifically bind to a polypeptide comprising an amino acid sequence selected from the group consisting of: the amino acid sequence of the present invention, an amino acid sequence encoded by the cDNA of the present invention, a fragment of at least 15 amino acid residues of the amino acid sequence of the present invention, an amino acid sequence which is at least 95% identical to the amino acid sequence of the present invention (wherein the percent identity is determined using the ALIGN program of the GCG software package with a PAM120 weight residue table, a gap length penalty of 12, and a gap penalty of 4) and an amino acid sequence which is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule consisting of the nucleic acid molecules of the present invention, or a complement thereof, under conditions of hybridization of 6X SSC at 45°C and washing in 0.2 X SSC, 0.1% SDS at 65°C. Such non-human antibodies can be goat, mouse, sheep, horse, chicken, rabbit, or rat antibodies. Alternatively, the non-human antibodies of the invention can be chimeric and/or humanized antibodies. In addition, the nonhuman antibodies of the invention can be polyclonal antibodies or monoclonal antibodies.

In still a further aspect, the invention provides monoclonal antibodies or

fragments thereof, which antibodies or fragments specifically bind to a polypeptide
comprising an amino acid sequence selected from the group consisting of the amino acid
sequences of the present invention, an amino acid sequence encoded by the cDNA of the

WO 01/18542 PCT/US00/24199

- 60 -

present invention, a fragment of at least 15 amino acid residues of an amino acid sequence of the present invention, an amino acid sequence which is at least 95% identical to an amino acid sequence of the present invention (wherein the percent identity is determined using the ALIGN program of the GCG software package with a PAM120 weight residue table, a gap length penalty of 12, and a gap penalty of 4) and an amino acid sequence which is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule consisting of the nucleic acid molecules of the present invention, or a complement thereof, under conditions of hybridization of 6X SSC at 45°C and washing in 0.2 X SSC, 0.1% SDS at 65°C. The monoclonal antibodies can be human, humanized, chimeric and/or non-human antibodies.

The substantially purified antibodies or fragments thereof may specifically bind to a signal peptide, a secreted sequence, an extracellular domain, a transmembrane or a cytoplasmic domain or cytoplasmic membrane of a polypeptide of the invention. In a particularly preferred embodiment, the substantially purified antibodies or fragments thereof, the non-human antibodies or fragments thereof, and/or the monoclonal antibodies or fragments thereof, of the invention specifically bind to a secreted sequence or an extracellular domain of the amino acid sequences of the present invention.

Any of the antibodies of the invention can be conjugated to a therapeutic moiety or to a detectable substance. Non-limiting examples of detectable substances that can be conjugated to the antibodies of the invention are an enzyme, a prosthetic group, a fluorescent material, a luminescent material, a bioluminescent material, and a radioactive material.

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The invention also provides a kit containing an antibody of the invention conjugated to a detectable substance, and instructions for use. Still another aspect of the invention is a pharmaceutical composition comprising an antibody of the invention and a pharmaceutically acceptable carrier. In preferred embodiments, the pharmaceutical composition contains an antibody of the invention, a therapeutic moiety, and a pharmaceutically acceptable carrier.

Still another aspect of the invention is a method of making an antibody that

specifically recognizes a polypeptide of the present invention, the method comprising immunizing a mammal with a polypeptide. The polypeptide used as an immungen comprises an amino acid sequence selected from the group consisting of the amino acid

WO 01/18542

sequence of the present invention, an amino acid sequence encoded by the cDNA of the nucleic acid molecules of the present invention, a fragment of at least 15 amino acid residues of the amino acid sequence of the present invention, an amino acid sequence which is at least 95% identical to the amino acid sequence of the present invention (wherein the percent identity is determined using the ALIGN program of the GCG software package with a PAM120 weight residue table, a gap length penalty of 12, and a gap penalty of 4) and an amino acid sequence which is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule consisting of the nucleic acid molecules of the present invention, or a complement thereof, under conditions of hybridization of 6X SSC at 45°C and washing in 0.2 X SSC, 0.1% SDS at 65°C.

After immunization, a sample is collected from the mammal that contains an antibody that specifically recognizes the polypeptide. Preferably, the polypeptide is recombinantly produced using a non-human host cell. Optionally, the antibodies can be further purified from the sample using techniques well known to those of skill in the art. The method can further comprise producing a monoclonal antibody- producing cell from the cells of the mammal. Optionally, antibodies are collected from the antibody-producing cell.

## III. Recombinant Expression Vectors and Host Cells

Another aspect of the invention pertains to vectors, preferably expression vectors, containing a nucleic acid encoding a polypeptide corresponding to a marker of the invention (or a portion of such a polypeptide). As used herein, the term "vector" refers to a nucleic acid molecule capable of transporting another nucleic acid to which it has been linked. One type of vector is a "plasmid", which refers to a circular double stranded DNA loop into which additional DNA segments can be ligated. Another type of vector is a viral vector, wherein additional DNA segments can be ligated into the viral genome. Certain vectors are capable of autonomous replication in a host cell into which they are introduced (e.g., bacterial vectors having a bacterial origin of replication and episomal mammalian vectors). Other vectors (e.g., non-episomal mammalian vectors) are integrated into the genome of a host cell upon introduction into the host cell, and thereby are replicated along with the host genome. Moreover, certain vectors, namely expression vectors, are capable of directing the expression of genes to which they are

operably linked. In general, expression vectors of utility in recombinant DNA techniques are often in the form of plasmids (vectors). However, the invention is intended to include such other forms of expression vectors, such as viral vectors (e.g., replication defective retroviruses, adenoviruses and adeno-associated viruses), which serve equivalent functions.

The recombinant expression vectors of the invention comprise a nucleic acid of the invention in a form suitable for expression of the nucleic acid in a host cell. This means that the recombinant expression vectors include one or more regulatory sequences, selected on the basis of the host cells to be used for expression, which is operably linked to the nucleic acid sequence to be expressed. Within a recombinant expression vector, "operably linked" is intended to mean that the nucleotide sequence of interest is linked to the regulatory sequence(s) in a manner which allows for expression of the nucleotide sequence (e.g., in an in vitro transcription/translation system or in a host cell when the vector is introduced into the host cell). The term "regulatory sequence" is intended to include promoters, enhancers and other expression control elements (e.g., polyadenylation signals). Such regulatory sequences are described, for example, in Goeddel, Methods in Enzymology: Gene Expression Technology vol.185, Academic Press, San Diego, CA (1991). Regulatory sequences include those which direct constitutive expression of a nucleotide sequence in many types of host cell and those which direct expression of the nucleotide sequence only in certain host cells (e.g., tissue-specific regulatory sequences). It will be appreciated by those skilled in the art that the design of the expression vector can depend on such factors as the choice of the host cell to be transformed, the level of expression of protein desired, and the like. The expression vectors of the invention can be introduced into host cells to thereby produce proteins or peptides, including fusion proteins or peptides, encoded by nucleic acids as described herein.

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The recombinant expression vectors of the invention can be designed for expression of a polypeptide corresponding to a marker of the invention in prokaryotic (e.g., E. coli) or eukaryotic cells (e.g., insect cells {using baculovirus expression vectors}, yeast cells or mammalian cells). Suitable host cells are discussed further in Goeddel, supra. Alternatively, the recombinant expression vector can be transcribed

and translated *in vitro*, for example using T7 promoter regulatory sequences and T7 polymerase.

Expression of proteins in prokaryotes is most often carried out in *E. coli* with vectors containing constitutive or inducible promoters directing the expression of either fusion or non-fusion proteins. Fusion vectors add a number of amino acids to a protein encoded therein, usually to the amino terminus of the recombinant protein. Such fusion vectors typically serve three purposes: 1) to increase expression of recombinant protein; 2) to increase the solubility of the recombinant protein; and 3) to aid in the purification of the recombinant protein by acting as a ligand in affinity purification. Often, in fusion expression vectors, a proteolytic cleavage site is introduced at the junction of the fusion moiety and the recombinant protein to enable separation of the recombinant protein from the fusion moiety subsequent to purification of the fusion protein. Such enzymes, and their cognate recognition sequences, include Factor Xa, thrombin and enterokinase. Typical fusion expression vectors include pGEX (Pharmacia Biotech Inc; Smith and Johnson, 1988, *Gene* 67:31-40), pMAL (New England Biolabs, Beverly, MA) and pRIT5 (Pharmacia, Piscataway, NJ) which fuse glutathione S-transferase (GST), maltose E binding protein, or protein A, respectively, to the target recombinant protein.

Examples of suitable inducible non-fusion *E. coli* expression vectors include pTrc (Amann *et al.*, 1988, *Gene* 69:301-315) and pET 11d (Studier *et al.*, p. 60-89, In *Gene Expression Technology: Methods in Enzymology* vol.185, Academic Press, San Diego, CA, 1991). Target gene expression from the pTrc vector relies on host RNA polymerase transcription from a hybrid trp-lac fusion promoter. Target gene expression from the pET 11d vector relies on transcription from a T7 gn10-lac fusion promoter mediated by a co-expressed viral RNA polymerase (T7 gn1). This viral polymerase is supplied by host strains BL21(DE3) or HMS174(DE3) from a resident prophage harboring a T7 gn1 gene under the transcriptional control of the lacUV 5 promoter.

One strategy to maximize recombinant protein expression in *E. coli* is to express the protein in a host bacteria with an impaired capacity to proteolytically cleave the recombinant protein (Gottesman, p. 119-128, In *Gene Expression Technology: Methods in Enzymology* vol. 185, Academic Press, San Diego, CA, 1990. Another strategy is to alter the nucleic acid sequence of the nucleic acid to be inserted into an expression vector so that the individual codons for each amino acid are those preferentially utilized

in E. coli (Wada et al., 1992, Nucleic Acids Res. 20:2111-2118). Such alteration of nucleic acid sequences of the invention can be carried out by standard DNA synthesis techniques.

In another embodiment, the expression vector is a yeast expression vector.

Examples of vectors for expression in yeast *S. cerevisiae* include pYepSec1 (Baldari *et al.*, 1987, *EMBO J.* 6:229-234), pMFa (Kurjan and Herskowitz, 1982, *Cell* 30:933-943), pJRY88 (Schultz *et al.*, 1987, *Gene* 54:113-123), pYES2 (Invitrogen Corporation, San Diego, CA), and pPicZ (Invitrogen Corp, San Diego, CA).

Alternatively, the expression vector is a baculovirus expression vector.

Baculovirus vectors available for expression of proteins in cultured insect cells (e.g., Sf 9 cells) include the pAc series (Smith et al., 1983, Mol. Cell Biol. 3:2156-2165) and the pVL series (Lucklow and Summers, 1989, Virology 170:31-39).

In yet another embodiment, a nucleic acid of the invention is expressed in mammalian cells using a mammalian expression vector. Examples of mammalian expression vectors include pCDM8 (Seed, 1987, *Nature* 329:840) and pMT2PC (Kaufman *et al.*, 1987, *EMBO J.* 6:187-195). When used in mammalian cells, the expression vector's control functions are often provided by viral regulatory elements. For example, commonly used promoters are derived from polyoma, Adenovirus 2, cytomegalovirus and Simian Virus 40. For other suitable expression systems for both prokaryotic and eukaryotic cells see chapters 16 and 17 of Sambrook *et al.*, *supra*.

In another embodiment, the recombinant mammalian expression vector is capable of directing expression of the nucleic acid preferentially in a particular cell type (e.g., tissue-specific regulatory elements are used to express the nucleic acid). Tissue-specific regulatory elements are known in the art. Non-limiting examples of suitable tissue-specific promoters include the albumin promoter (liver-specific; Pinkert et al., 1987, Genes Dev. 1:268-277), lymphoid-specific promoters (Calame and Eaton, 1988, Adv. Immunol. 43:235-275), in particular promoters of T cell receptors (Winoto and Baltimore, 1989, EMBO J. 8:729-733) and immunoglobulins (Banerji et al., 1983, Cell 33:729-740; Queen and Baltimore, 1983, Cell 33:741-748), neuron-specific promoters (e.g., the neurofilament promoter; Byrne and Ruddle, 1989, Proc. Natl. Acad. Sci. USA 86:5473-5477), pancreas-specific promoters (Edlund et al., 1985, Science 230:912-916), and mammary gland-specific promoters (e.g., milk whey promoter; U.S. Patent No.

WO 01/18542 PCT/US00/24199

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4,873,316 and European Application Publication No. 264,166). Developmentally-regulated promoters are also encompassed, for example the murine hox promoters (Kessel and Gruss, 1990, *Science* 249:374-379) and the α-fetoprotein promoter (Camper and Tilghman, 1989, *Genes Dev.* 3:537-546).

- 65 -

DNA molecule of the invention cloned into the expression vector in an antisense orientation. That is, the DNA molecule is operably linked to a regulatory sequence in a manner which allows for expression (by transcription of the DNA molecule) of an RNA molecule which is antisense to the mRNA encoding a polypeptide of the invention. Regulatory sequences operably linked to a nucleic acid cloned in the antisense orientation can be chosen which direct the continuous expression of the antisense RNA molecule in a variety of cell types, for instance viral promoters and/or enhancers, or regulatory sequences can be chosen which direct constitutive, tissue-specific or cell type specific expression of antisense RNA. The antisense expression vector can be in the form of a recombinant plasmid, phagemid, or attenuated virus in which antisense nucleic acids are produced under the control of a high efficiency regulatory region, the activity of which can be determined by the cell type into which the vector is introduced. For a discussion of the regulation of gene expression using antisense genes see Weintraub et

Another aspect of the invention pertains to host cells into which a recombinant expression vector of the invention has been introduced. The terms "host cell" and "recombinant host cell" are used interchangeably herein. It is understood that such terms refer not only to the particular subject cell but to the progeny or potential progeny of such a cell. Because certain modifications may occur in succeeding generations due to either mutation or environmental influences, such progeny may not, in fact, be identical to the parent cell, but are still included within the scope of the term as used herein.

al., 1986, Trends in Genetics, Vol. 1(1).

A host cell can be any prokaryotic (e.g., E. coli) or eukaryotic cell (e.g., insect cells, yeast or mammalian cells).

Vector DNA can be introduced into prokaryotic or eukaryotic cells via conventional transformation or transfection techniques. As used herein, the terms "transformation" and "transfection" are intended to refer to a variety of art-recognized

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techniques for introducing foreign nucleic acid into a host cell, including calcium phosphate or calcium chloride co-precipitation, DEAE-dextran-mediated transfection, lipofection, or electroporation. Suitable methods for transforming or transfecting host cells can be found in Sambrook, *et al.* (*supra*), and other laboratory manuals.

For stable transfection of mammalian cells, it is known that, depending upon the expression vector and transfection technique used, only a small fraction of cells may integrate the foreign DNA into their genome. In order to identify and select these integrants, a gene that encodes a selectable marker (e.g., for resistance to antibiotics) is generally introduced into the host cells along with the gene of interest. Preferred selectable markers include those which confer resistance to drugs, such as G418, hygromycin and methotrexate. Cells stably transfected with the introduced nucleic acid can be identified by drug selection (e.g., cells that have incorporated the selectable marker gene will survive, while the other cells die).

A host cell of the invention, such as a prokaryotic or eukaryotic host cell in culture, can be used to produce a polypeptide corresponding to a marker of the invention. Accordingly, the invention further provides methods for producing a polypeptide corresponding to a marker of the invention using the host cells of the invention. In one embodiment, the method comprises culturing the host cell of invention (into which a recombinant expression vector encoding a polypeptide of the invention has been introduced) in a suitable medium such that the marker is produced. In another embodiment, the method further comprises isolating the marker polypeptide from the medium or the host cell.

The host cells of the invention can also be used to produce nonhuman transgenic animals. For example, in one embodiment, a host cell of the invention is a fertilized oocyte or an embryonic stem cell into which a sequences encoding a polypeptide corresponding to a marker of the invention have been introduced. Such host cells can then be used to create non-human transgenic animals in which exogenous sequences encoding a marker protein of the invention have been introduced into their genome or homologous recombinant animals in which endogenous gene(s) encoding a polypeptide corresponding to a marker of the invention sequences have been altered. Such animals are useful for studying the function and/or activity of the polypeptide corresponding to the marker and for identifying and/or evaluating modulators of polypeptide activity. As

- 67 -

PCT/US00/24199

used herein, a "transgenic animal" is a non-human animal, preferably a mammal, more preferably a rodent such as a rat or mouse, in which one or more of the cells of the animal includes a transgene. Other examples of transgenic animals include non-human primates, sheep, dogs, cows, goats, chickens, amphibians, etc. A transgene is exogenous DNA which is integrated into the genome of a cell from which a transgenic animal develops and which remains in the genome of the mature animal, thereby directing the expression of an encoded gene product in one or more cell types or tissues of the transgenic animal. As used herein, an "homologous recombinant animal" is a non-human animal, preferably a mammal, more preferably a mouse, in which an endogenous gene has been altered by homologous recombination between the endogenous gene and an exogenous DNA molecule introduced into a cell of the animal, e.g., an embryonic cell of the animal, prior to development of the animal.

A transgenic animal of the invention can be created by introducing a nucleic acid encoding a polypeptide corresponding to a marker of the invention into the male pronuclei of a fertilized oocyte, e.g., by microinjection, retroviral infection, and allowing the oocyte to develop in a pseudopregnant female foster animal. Intronic sequences and polyadenylation signals can also be included in the transgene to increase the efficiency of expression of the transgene. A tissue-specific regulatory sequence(s) can be operably linked to the transgene to direct expression of the polypeptide of the invention to particular cells. Methods for generating transgenic animals via embryo manipulation and microinjection, particularly animals such as mice, have become conventional in the art and are described, for example, in U.S. Patent Nos. 4,736,866 and 4,870,009, U.S. Patent No. 4,873,191 and in Hogan, Manipulating the Mouse Embryo, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y., 1986. Similar methods are used for production of other transgenic animals. A transgenic founder animal can be identified based upon the presence of the transgene in its genome and/or expression of mRNA encoding the transgene in tissues or cells of the animals. A transgenic founder animal can then be used to breed additional animals carrying the transgene. Moreover, transgenic animals carrying the transgene can further be bred to other transgenic animals carrying other transgenes.

WO 01/18542

- 68 -

PCT/US00/24199

To create an homologous recombinant animal, a vector is prepared which contains at least a portion of a gene encoding a polypeptide corresponding to a marker of the invention into which a deletion, addition or substitution has been introduced to thereby alter, e.g., functionally disrupt, the gene. In a preferred embodiment, the vector is designed such that, upon homologous recombination, the endogenous gene is functionally disrupted (i.e., no longer encodes a functional protein; also referred to as a "knock out" vector). Alternatively, the vector can be designed such that, upon homologous recombination, the endogenous gene is mutated or otherwise altered but still encodes functional protein (e.g., the upstream regulatory region can be altered to thereby alter the expression of the endogenous protein). In the homologous recombination vector, the altered portion of the gene is flanked at its 5' and 3' ends by additional nucleic acid of the gene to allow for homologous recombination to occur between the exogenous gene carried by the vector and an endogenous gene in an embryonic stem cell. The additional flanking nucleic acid sequences are of sufficient length for successful homologous recombination with the endogenous gene. Typically, 15 several kilobases of flanking DNA (both at the 5' and 3' ends) are included in the vector (see, e.g., Thomas and Capecchi, 1987, Cell 51:503 for a description of homologous recombination vectors). The vector is introduced into an embryonic stem cell line (e.g., by electroporation) and cells in which the introduced gene has homologously recombined with the endogenous gene are selected (see, e.g., Li et al., 1992, Cell 69:915). The selected cells are then injected into a blastocyst of an animal (e.g., a mouse) to form aggregation chimeras (see, e.g., Bradley, Teratocarcinomas and Embryonic Stem Cells: A Practical Approach, Robertson, Ed., IRL, Oxford, 1987, pp. 113-152). A chimeric embryo can then be implanted into a suitable pseudopregnant female foster animal and the embryo brought to term. Progeny harboring the homologously recombined DNA in their germ cells can be used to breed animals in which all cells of the animal contain the homologously recombined DNA by germline transmission of the transgene. Methods for constructing homologous recombination vectors and homologous recombinant animals are described further in Bradley (1991) Current Opinion in Bio/Technology 2:823-829 and in PCT Publication NOS. WO

90/11354, WO 91/01140, WO 92/0968, and WO 93/04169.

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In another embodiment, transgenic non-human animals can be produced which contain selected systems which allow for regulated expression of the transgene. One example of such a system is the *cre/loxP* recombinase system of bacteriophage P1. For a description of the *cre/loxP* recombinase system, see, e.g., Lakso et al. (1992) Proc.

Natl. Acad. Sci. USA 89:6232-6236. Another example of a recombinase system is the FLP recombinase system of Saccharomyces cerevisiae (O'Gorman et al., 1991, Science 251:1351-1355). If a *cre/loxP* recombinase system is used to regulate expression of the transgene, animals containing transgenes encoding both the Cre recombinase and a selected protein are required. Such animals can be provided through the construction of "double" transgenic animals, e.g., by mating two transgenic animals, one containing a transgene encoding a selected protein and the other containing a transgene encoding a recombinase.

Clones of the non-human transgenic animals described herein can also be produced according to the methods described in Wilmut *et al.* (1997) *Nature* 385:810-813 and PCT Publication NOS. WO 97/07668 and WO 97/07669.

## IV. Pharmaceutical Compositions

The nucleic acid molecules, polypeptides, and antibodies (also referred to herein as "active compounds") corresponding to a marker of the invention can be incorporated into pharmaceutical compositions suitable for administration. Such compositions typically comprise the nucleic acid molecule, protein, or antibody and a pharmaceutically acceptable carrier. As used herein the language "pharmaceutically acceptable carrier" is intended to include any and all solvents, dispersion media, coatings, antibacterial and antifungal agents, isotonic and absorption delaying agents, and the like, compatible with pharmaceutical administration. The use of such media and agents for pharmaceutically active substances is well known in the art. Except insofar as any conventional media or agent is incompatible with the active compound, use thereof in the compositions is contemplated. Supplementary active compounds can also be incorporated into the compositions.

The invention includes methods for preparing pharmaceutical compositions for modulating the expression or activity of a polypeptide or nucleic acid corresponding to a marker of the invention. Such methods comprise formulating a pharmaceutically

acceptable carrier with an agent which modulates expression or activity of a polypeptide or nucleic acid corresponding to a marker of the invention. Such compositions can further include additional active agents. Thus, the invention further includes methods for preparing a pharmaceutical composition by formulating a pharmaceutically acceptable carrier with an agent which modulates expression or activity of a polypeptide or nucleic acid corresponding to a marker of the invention and one or more additional active compounds.

The invention also provides methods (also referred to herein as "screening assays") for identifying modulators, *i.e.*, candidate or test compounds or agents (*e.g.*, peptides, peptidomimetics, peptoids, small molecules or other drugs) which (a) bind to the marker, or (b) have a modulatory (*e.g.*, stimulatory or inhibitory) effect on the activity of the marker or, more specifically, (c) have a modulatory effect on the interactions of the marker with one or more of its natural substrates (*e.g.*, peptide, protein, hormone, co-factor, or nucleic acid), or (d) have a modulatory effect on the expression of the marker. Such assays typically comprise a reaction between the marker and one or more assay components. The other components may be either the test compound itself, or a combination of test compound and a natural binding partner of the marker.

The test compounds of the present invention may be obtained from any available source, including systematic libraries of natural and/or synthetic compounds. Test compounds may also be obtained by any of the numerous approaches in combinatorial library methods known in the art, including: biological libraries; peptoid libraries (libraries of molecules having the functionalities of peptides, but with a novel, non-peptide backbone which are resistant to enzymatic degradation but which nevertheless remain bioactive; see, e.g., Zuckermann et al., 1994, J. Med. Chem. 37:2678-85); spatially addressable parallel solid phase or solution phase libraries; synthetic library methods requiring deconvolution; the 'one-bead one-compound' library method; and synthetic library methods using affinity chromatography selection. The biological library and peptoid library approaches are limited to peptide libraries, while the other four approaches are applicable to peptide, non-peptide oligomer or small molecule libraries of compounds (Lam, 1997, Anticancer Drug Des. 12:145).

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Examples of methods for the synthesis of molecular libraries can be found in the art, for example in: DeWitt et al. (1993) Proc. Natl. Acad. Sci. U.S.A. 90:6909; Erb et al. (1994) Proc. Natl. Acad. Sci. USA 91:11422; Zuckermann et al. (1994). J. Med. Chem. 37:2678; Cho et al. (1993) Science 261:1303; Carrell et al. (1994) Angew. Chem. Int. Ed. Engl. 33:2059; Carell et al. (1994) Angew. Chem. Int. Ed. Engl. 33:2061; and in Gallop et al. (1994) J. Med. Chem. 37:1233.

Libraries of compounds may be presented in solution (e.g., Houghten, 1992, Biotechniques 13:412-421), or on beads (Lam, 1991, Nature 354:82-84), chips (Fodor, 1993, Nature 364:555-556), bacteria and/or spores, (Ladner, USP 5,223,409), plasmids (Cull et al, 1992, Proc Natl Acad Sci USA 89:1865-1869) or on phage (Scott and Smith, 1990, Science 249:386-390; Devlin, 1990, Science 249:404-406; Cwirla et al, 1990, Proc. Natl. Acad. Sci. 87:6378-6382; Felici, 1991, J. Mol. Biol. 222:301-310; Ladner, supra.).

In one embodiment, the invention provides assays for screening candidate or test compounds which are substrates of a marker or biologically active portion thereof. In 15 another embodiment, the invention provides assays for screening candidate or test compounds which bind to a marker or biologically active portion thereof. Determining the ability of the test compound to directly bind to a marker can be accomplished, for example, by coupling the compound with a radioisotope or enzymatic label such that 20 binding of the compound to the marker can be determined by detecting the labeled marker compound in a complex. For example, compounds (e.g., marker substrates) can be labeled with <sup>125</sup>I, <sup>35</sup>S, <sup>14</sup>C, or <sup>3</sup>H, either directly or indirectly, and the radioisotope detected by direct counting of radioemission or by scintillation counting. Alternatively, assay components can be enzymatically labeled with, for example, horseradish peroxidase, alkaline phosphatase, or luciferase, and the enzymatic label detected by 25 determination of conversion of an appropriate substrate to product.

In another embodiment, the invention provides assays for screening candidate or test compounds which modulate the activity of a marker or a biologically active portion thereof. In all likelihood, the marker can, *in vivo*, interact with one or more molecules, such as but not limited to, peptides, proteins, hormones, cofactors and nucleic acids. For the purposes of this discussion, such cellular and extracellular molecules are referred to herein as "binding partners" or marker "substrate".

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One necessary embodiment of the invention in order to facilitate such screening is the use of the marker to identify its natural *in vivo* binding partners. There are many ways to accomplish this which are known to one skilled in the art. One example is the use of the marker protein as "bait protein" in a two-hybrid assay or three-hybrid assay (see, e.g., U.S. Patent No. 5,283,317; Zervos et al, 1993, Cell 72:223-232; Madura et al, 1993, J. Biol. Chem. 268:12046-12054; Bartel et al ,1993, Biotechniques 14:920-924; Iwabuchi et al, 1993 Oncogene 8:1693-1696; Brent WO94/10300) in order to identify other proteins which bind to or interact with the marker (binding partners) and, therefore, are possibly involved in the natural function of the marker. Such marker binding partners are also likely to be involved in the propagation of signals by the marker or downstream elements of a marker-mediated signaling pathway. Alternatively, such marker binding partners may also be found to be inhibitors of the marker.

The two-hybrid system is based on the modular nature of most transcription factors, which consist of separable DNA-binding and activation domains. Briefly, the assay utilizes two different DNA constructs. In one construct, the gene that encodes a marker protein fused to a gene encoding the DNA binding domain of a known transcription factor (e.g., GAL-4). In the other construct, a DNA sequence, from a library of DNA sequences, that encodes an unidentified protein ("prey" or "sample") is fused to a gene that codes for the activation domain of the known transcription factor. If the "bait" and the "prey" proteins are able to interact, in vivo, forming a marker-dependent complex, the DNA-binding and activation domains of the transcription factor are brought into close proximity. This proximity allows transcription of a reporter gene (e.g., LacZ) which is operably linked to a transcriptional regulatory site responsive to the transcription factor. Expression of the reporter gene can be readily detected and cell colonies containing the functional transcription factor can be isolated and used to obtain the cloned gene which encodes the protein which interacts with the marker protein.

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In a further embodiment, assays may be devised through the use of the invention for the purpose of identifying compounds which modulate (e.g., affect either positively or negatively) interactions between a marker and its substrates and/or binding partners. Such compounds can include, but are not limited to, molecules such as antibodies, peptides, hormones, oligonucleotides, nucleic acids, and analogs thereof. Such compounds may also be obtained from any available source, including systematic

- 73 -

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libraries of natural and/or synthetic compounds. The preferred assay components for use in this embodiment is an ovarian cancer marker identified herein, the known binding partner and/or substrate of same, and the test compound. Test compounds can be supplied from any source.

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The basic principle of the assay systems used to identify compounds that interfere with the interaction between the marker and its binding partner involves preparing a reaction mixture containing the marker and its binding partner under conditions and for a time sufficient to allow the two products to interact and bind, thus forming a complex. In order to test an agent for inhibitory activity, the reaction mixture 10 is prepared in the presence and absence of the test compound. The test compound can be initially included in the reaction mixture, or can be added at a time subsequent to the addition of the marker and its binding partner. Control reaction mixtures are incubated without the test compound or with a placebo. The formation of any complexes between the marker and its binding partner is then detected. The formation of a complex in the control reaction, but less or no such formation in the reaction mixture containing the test compound, indicates that the compound interferes with the interaction of the marker and its binding partner. Conversely, the formation of more complex in the presence of compound than in the control reaction indicates that the compound may enhance interaction of the marker and its binding partner.

The assay for compounds that interfere with the interaction of the marker with its binding partner may be conducted in a heterogeneous or homogeneous format. Heterogeneous assays involve anchoring either the marker or its binding partner onto a solid phase and detecting complexes anchored to the solid phase at the end of the reaction. In homogeneous assays, the entire reaction is carried out in a liquid phase. In either approach, the order of addition of reactants can be varied to obtain different information about the compounds being tested. For example, test compounds that interfere with the interaction between the markers and the binding partners (e.g., by competition) can be identified by conducting the reaction in the presence of the test substance, i.e., by adding the test substance to the reaction mixture prior to or simultaneously with the marker and its interactive binding partner. Alternatively, test compounds that disrupt preformed complexes, e.g., compounds with higher binding constants that displace one of the components from the complex, can be tested by adding

- 74 -

the test compound to the reaction mixture after complexes have been formed. The various formats are briefly described below.

In a heterogeneous assay system, either the marker or its binding partner is anchored onto a solid surface or matrix, while the other corresponding non-anchored component may be labeled, either directly or indirectly. In practice, microtitre plates are often utilized for this approach. The anchored species can be immobilized by a number of methods, either non-covalent or covalent, that are typically well known to one who practices the art. Non-covalent attachment can often be accomplished simply by coating the solid surface with a solution of the marker or its binding partner and drying.

10 Alternatively, an immobilized antibody specific for the assay component to be anchored can be used for this purpose. Such surfaces can often be prepared in advance and stored.

In related embodiments, a fusion protein can be provided which adds a domain that allows one or both of the assay components to be anchored to a matrix. For example, glutathione-S-transferase/marker fusion proteins or glutathione-S-transferase/binding partner can be adsorbed onto glutathione sepharose beads (Sigma Chemical, St. Louis, MO) or glutathione derivatized microtiter plates, which are then combined with the test compound or the test compound and either the non-adsorbed marker or its binding partner, and the mixture incubated under conditions conducive to complex formation (e.g., physiological conditions). Following incubation, the beads or microtiter plate wells are washed to remove any unbound assay components, the immobilized complex assessed either directly or indirectly, for example, as described above. Alternatively, the complexes can be dissociated from the matrix, and the level of marker binding or activity determined using standard techniques.

Other techniques for immobilizing proteins on matrices can also be used in the screening assays of the invention. For example, either a marker or a marker binding partner can be immobilized utilizing conjugation of biotin and streptavidin. Biotinylated marker protein or target molecules can be prepared from biotin-NHS (N-hydroxy-succinimide) using techniques known in the art (e.g., biotinylation kit, Pierce Chemicals, Rockford, IL), and immobilized in the wells of streptavidin-coated 96 well plates (Pierce Chemical). In certain embodiments, the protein-immobilized surfaces can be prepared in advance and stored.

In order to conduct the assay, the corresponding partner of the immobilized assay component is exposed to the coated surface with or without the test compound. After the reaction is complete, unreacted assay components are removed (e.g., by washing) and any complexes formed will remain immobilized on the solid surface. The detection of complexes anchored on the solid surface can be accomplished in a number of ways. Where the non-immobilized component is pre-labeled, the detection of label immobilized on the surface indicates that complexes were formed. Where the non-immobilized component is not pre-labeled, an indirect label can be used to detect complexes anchored on the surface; e.g., using a labeled antibody specific for the initially non-immobilized species (the antibody, in turn, can be directly labeled or indirectly labeled with, e.g., a labeled anti-Ig antibody). Depending upon the order of addition of reaction components, test compounds which modulate (inhibit or enhance) complex formation or which disrupt preformed complexes can be detected.

In an alternate embodiment of the invention, a homogeneous assay may be used. This is typically a reaction, analogous to those mentioned above, which is conducted in a liquid phase in the presence or absence of the test compound. The formed complexes are then separated from unreacted components, and the amount of complex formed is determined. As mentioned for heterogeneous assay systems, the order of addition of reactants to the liquid phase can yield information about which test compounds modulate (inhibit or enhance) complex formation and which disrupt preformed complexes.

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In such a homogeneous assay, the reaction products may be separated from unreacted assay components by any of a number of standard techniques, including but not limited to: differential centrifugation, chromatography, electrophoresis and immunoprecipitation. In differential centrifugation, complexes of molecules may be separated from uncomplexed molecules through a series of centrifugal steps, due to the different sedimentation equilibria of complexes based on their different sizes and densities (see, for example, Rivas, G., and Minton, A.P., *Trends Biochem Sci* 1993 Aug;18(8):284-7). Standard chromatographic techniques may also be utilized to separate complexed molecules from uncomplexed ones. For example, gel filtration chromatography separates molecules based on size, and through the utilization of an appropriate gel filtration resin in a column format, for example, the relatively larger

complex may be separated from the relatively smaller uncomplexed components. Similarly, the relatively different charge properties of the complex as compared to the uncomplexed molecules may be exploited to differentially separate the complex from the remaining individual reactants, for example through the use of ion-exchange chromatography resins. Such resins and chromatographic techniques are well known to one skilled in the art (see, e.g., Heegaard, 1998, J Mol. Recognit. 11:141-148; Hage and Tweed, 1997, J. Chromatogr. B. Biomed. Sci. Appl., 699:499-525). Gel electrophoresis may also be employed to separate complexed molecules from unbound species (see, e.g., Ausubel et al (eds.), In: Current Protocols in Molecular Biology, J. Wiley & Sons, 10 New York. 1999). In this technique, protein or nucleic acid complexes are separated based on size or charge, for example. In order to maintain the binding interaction during the electrophoretic process, nondenaturing gels in the absence of reducing agent are typically preferred, but conditions appropriate to the particular interactants will be well known to one skilled in the art. Immunoprecipitation is another common technique utilized for the isolation of a protein-protein complex from solution (see, e.g., Ausubcl et al (eds.), In: Current Protocols in Molecular Biology, J. Wiley & Sons, New York. 1999). In this technique, all proteins binding to an antibody specific to one of the binding molecules are precipitated from solution by conjugating the antibody to a polymer bead that may be readily collected by centrifugation. The bound assay components are released from the beads (through a specific proteolysis event or other technique well known in the art which will not disturb the protein-protein interaction in the complex), and a second immunoprecipitation step is performed, this time utilizing antibodies specific for the correspondingly different interacting assay component. In this manner, only formed complexes should remain attached to the beads. Variations in complex formation in both the presence and the absence of a test compound can be compared, thus offering information about the ability of the compound to modulate interactions between the marker and its binding partner.

Also within the scope of the present invention are methods for direct detection of interactions between the marker and its natural binding partner and/or a test compound in a homogeneous or heterogeneous assay system without further sample manipulation. For example, the technique of fluorescence energy transfer may be utilized (see, e.g., Lakowicz et al, U.S. Patent No. 5,631,169; Stavrianopoulos et al, U.S. Patent No.

4,868,103). Generally, this technique involves the addition of a fluorophore label on a first 'donor' molecule (e.g., marker or test compound) such that its emitted fluorescent energy will be absorbed by a fluorescent label on a second, 'acceptor' molecule (e.g., marker or test compound), which in turn is able to fluoresce due to the absorbed energy.

Alternately, the 'donor' protein molecule may simply utilize the natural fluorescent energy of tryptophan residues. Labels are chosen that emit different wavelengths of light, such that the 'acceptor' molecule label may be differentiated from that of the 'donor'. Since the efficiency of energy transfer between the labels is related to the distance separating the molecules, spatial relationships between the molecules can be assessed. In a situation in which binding occurs between the molecules, the fluorescent emission of the 'acceptor' molecule label in the assay should be maximal. An FET binding event can be conveniently measured through standard fluorometric detection means well known in the art (e.g., using a fluorimeter). A test substance which either enhances or hinders participation of one of the species in the preformed complex will result in the generation of a signal variant to that of background. In this way, test substances that modulate interactions between a marker and its binding partner can be identified in controlled assays.

In another embodiment, modulators of marker expression are identified in a method wherein a cell is contacted with a candidate compound and the expression of mRNA or protein, corresponding to a marker in the cell, is determined. The level of expression of mRNA or protein in the presence of the candidate compound is compared to the level of expression of mRNA or protein in the absence of the candidate compound. The candidate compound can then be identified as a modulator of marker expression based on this comparison. For example, when expression of marker mRNA or protein is greater (statistically significantly greater) in the presence of the candidate compound than in its absence, the candidate compound is identified as a stimulator of marker mRNA or protein expression. Conversely, when expression of marker mRNA or protein is less (statistically significantly less) in the presence of the candidate compound than in its absence, the candidate compound is identified as an inhibitor of marker mRNA or protein expression. The level of marker mRNA or protein expression in the cells can be determined by methods described herein for detecting marker mRNA or protein.

In another aspect, the invention pertains to a combination of two or more of the assays described herein. For example, a modulating agent can be identified using a cell-based or a cell free assay, and the ability of the agent to modulate the activity of a marker protein can be further confirmed *in vivo*, *e.g.*, in a whole animal model for cellular transformation and/or tumorigenesis.

This invention further pertains to novel agents identified by the above-described screening assays. Accordingly, it is within the scope of this invention to further use an agent identified as described herein in an appropriate animal model. For example, an agent identified as described herein (e.g., an marker modulating agent, an antisense marker nucleic acid molecule, an marker-specific antibody, or an marker-binding partner) can be used in an animal model to determine the efficacy, toxicity, or side effects of treatment with such an agent. Alternatively, an agent identified as described herein can be used in an animal model to determine the mechanism of action of such an agent. Furthermore, this invention pertains to uses of novel agents identified by the above-described screening assays for treatments as described herein.

It is understood that appropriate doses of small molecule agents and protein or polypeptide agents depends upon a number of factors within the knowledge of the ordinarily skilled physician, veterinarian, or researcher. The dose(s) of these agents will vary, for example, depending upon the identity, size, and condition of the subject or sample being treated, further depending upon the route by which the composition is to be administered, if applicable, and the effect which the practitioner desires the agent to have upon the nucleic acid or polypeptide of the invention. Exemplary doses of a small molecule include milligram or microgram amounts per kilogram of subject or sample weight (e.g. about 1 microgram per kilogram to about 500 milligrams per kilogram, about 100 micrograms per kilogram to about 5 milligrams per kilogram, or about 1 microgram per kilogram to about 50 micrograms per kilogram). Exemplary doses of a protein or polypeptide include gram, milligram or microgram amounts per kilogram of subject or sample weight (e.g. about 1 microgram per kilogram to about 5 grams per kilogram, about 100 micrograms per kilogram to about 500 milligrams per kilogram, or about 1 milligram per kilogram to about 50 milligrams per kilogram). It is furthermore understood that appropriate doses of one of these agents depend upon the potency of the agent with respect to the expression or activity to be modulated. Such appropriate doses can be determined using the assays described herein. When one or more of these agents is to be administered to an animal (e.g. a human) in order to modulate expression or activity of a polypeptide or nucleic acid of the invention, a physician, veterinarian, or researcher can, for example, prescribe a relatively low dose at first, subsequently increasing the dose until an appropriate response is obtained. In addition, it is understood that the specific dose level for any particular animal subject will depend upon a variety of factors including the activity of the specific agent employed, the age, body weight, general health, gender, and diet of the subject, the time of administration, the route of administration, the rate of excretion, any drug combination, and the degree of expression or activity to be modulated.

- 79 -

A pharmaceutical composition of the invention is formulated to be compatible with its intended route of administration. Examples of routes of administration include parenteral, e.g., intravenous, intradermal, subcutaneous, oral (e.g., inhalation), transdermal (topical), transmucosal, and rectal administration. Solutions or suspensions used for parenteral, intradermal, or subcutaneous application can include the following components: a sterile diluent such as water for injection, saline solution, fixed oils, polyethylene glycols, glycerine, propylene glycol or other synthetic solvents; antibacterial agents such as benzyl alcohol or methyl parabens; antioxidants such as ascorbic acid or sodium bisulfite; chelating agents such as ethylenediamine-tetraacetic acid; buffers such as acetates, citrates or phosphates and agents for the adjustment of tonicity such as sodium chloride or dextrose. pH can be adjusted with acids or bases, such as hydrochloric acid or sodium hydroxide. The parenteral preparation can be enclosed in ampules, disposable syringes or multiple dose vials made of glass or plastic.

Pharmaceutical compositions suitable for injectable use include sterile aqueous solutions (where water soluble) or dispersions and sterile powders for the extemporaneous preparation of sterile injectable solutions or dispersions. For intravenous administration, suitable carriers include physiological saline, bacteriostatic water, Cremophor EL (BASF; Parsippany, NJ) or phosphate buffered saline (PBS). In all cases, the composition must be sterile and should be fluid to the extent that easy syringability exists. It must be stable under the conditions of manufacture and storage and must be preserved against the contaminating action of microorganisms such as bacteria and fungi. The carrier can be a solvent or dispersion medium containing, for

example, water, ethanol, polyol (for example, glycerol, propylene glycol, and liquid polyethylene glycol, and the like), and suitable mixtures thereof. The proper fluidity can be maintained, for example, by the use of a coating such as lecithin, by the maintenance of the required particle size in the case of dispersion and by the use of surfactants.

5 Prevention of the action of microorganisms can be achieved by various antibacterial and antifungal agents, for example, parabens, chlorobutanol, phenol, ascorbic acid, thimerosal, and the like. In many cases, it will be preferable to include isotonic agents, for example, sugars, polyalcohols such as mannitol, sorbitol, or sodium chloride in the composition. Prolonged absorption of the injectable compositions can be brought about by including in the composition an agent which delays absorption, for example, aluminum monostearate and gelatin.

Sterile injectable solutions can be prepared by incorporating the active compound (e.g., a polypeptide or antibody) in the required amount in an appropriate solvent with one or a combination of ingredients enumerated above, as required, followed by filtered sterilization. Generally, dispersions are prepared by incorporating the active compound into a sterile vehicle which contains a basic dispersion medium, and then incorporating the required other ingredients from those enumerated above. In the case of sterile powders for the preparation of sterile injectable solutions, the preferred methods of preparation are vacuum drying and freeze-drying which yields a powder of the active ingredient plus any additional desired ingredient from a previously sterile-filtered solution thereof.

Oral compositions generally include an inert diluent or an edible carrier. They can be enclosed in gelatin capsules or compressed into tablets. For the purpose of oral therapeutic administration, the active compound can be incorporated with excipients and used in the form of tablets, troches, or capsules. Oral compositions can also be prepared using a fluid carrier for use as a mouthwash, wherein the compound in the fluid carrier is applied orally and swished and expectorated or swallowed.

Pharmaceutically compatible binding agents, and/or adjuvant materials can be included as part of the composition. The tablets, pills, capsules, troches, and the like can contain any of the following ingredients, or compounds of a similar nature: a binder such as microcrystalline cellulose, gum tragacanth or gelatin; an excipient such as starch or lactose, a disintegrating agent such as alginic acid, Primogel, or corn starch; a

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lubricant such as magnesium stearate or Sterotes; a glidant such as colloidal silicon dioxide; a sweetening agent such as sucrose or saccharin; or a flavoring agent such as peppermint, methyl salicylate, or orange flavoring.

- 81 -

For administration by inhalation, the compounds are delivered in the form of an aerosol spray from a pressurized container or dispenser which contains a suitable propellant, e.g., a gas such as carbon dioxide, or a nebulizer.

Systemic administration can also be by transmucosal or transdermal means. For transmucosal or transdermal administration, penetrants appropriate to the barrier to be permeated are used in the formulation. Such penetrants are generally known in the art, and include, for example, for transmucosal administration, detergents, bile salts, and fusidic acid derivatives. Transmucosal administration can be accomplished through the use of nasal sprays or suppositories. For transdermal administration, the active compounds are formulated into ointments, salves, gels, or creams as generally known in the art.

The compounds can also be prepared in the form of suppositories (e.g., with conventional suppository bases such as cocoa butter and other glycerides) or retention enemas for rectal delivery.

In one embodiment, the active compounds are prepared with carriers that will protect the compound against rapid elimination from the body, such as a controlled release formulation, including implants and microencapsulated delivery systems. Biodegradable, biocompatible polymers can be used, such as ethylene vinyl acetate, polyanhydrides, polyglycolic acid, collagen, polyorthoesters, and polylactic acid. Methods for preparation of such formulations will be apparent to those skilled in the art. The materials can also be obtained commercially from Alza Corporation and Nova Pharmaceuticals, Inc. Liposomal suspensions (including liposomes having monoclonal antibodies incorporated therein or thereon) can also be used as pharmaceutically acceptable carriers. These can be prepared according to methods known to those skilled in the art, for example, as described in U.S. Patent No. 4,522,811.

It is especially advantageous to formulate oral or parenteral compositions in
dosage unit form for ease of administration and uniformity of dosage. Dosage unit form
as used herein refers to physically discrete units suited as unitary dosages for the subject
to be treated; each unit containing a predetermined quantity of active compound

- 82 -

calculated to produce the desired therapeutic effect in association with the required pharmaceutical carrier. The specification for the dosage unit forms of the invention are dictated by and directly dependent on the unique characteristics of the active compound and the particular therapeutic effect to be achieved, and the limitations inherent in the art of compounding such an active compound for the treatment of individuals.

For antibodies, the preferred dosage is 0.1 mg/kg to 100 mg/kg of body weight (generally 10 mg/kg to 20 mg/kg). If the antibody is to act in the brain, a dosage of 50 mg/kg to 100 mg/kg is usually appropriate. Generally, partially human antibodies and fully human antibodies have a longer half-life within the human body than other antibodies. Accordingly, lower dosages and less frequent administration is often possible. Modifications such as lipidation can be used to stabilize antibodies and to enhance uptake and tissue penetration (e.g., into the ovarian epithelium). A method for lipidation of antibodies is described by Cruikshank et al. (1997) J. Acquired Immune Deficiency Syndromes and Human Retrovirology 14:193.

The nucleic acid molecules corresponding to a marker of the invention can be inserted into vectors and used as gene therapy vectors. Gene therapy vectors can be delivered to a subject by, for example, intravenous injection, local administration (U.S. Patent 5,328,470), or by stereotactic injection (see, e.g., Chen et al., 1994, Proc. Natl. Acad. Sci. USA 91:3054-3057). The pharmaceutical preparation of the gene therapy vector can include the gene therapy vector in an acceptable diluent, or can comprise a slow release matrix in which the gene delivery vehicle is imbedded. Alternatively, where the complete gene delivery vector can be produced intact from recombinant cells, e.g. retroviral vectors, the pharmaceutical preparation can include one or more cells which produce the gene delivery system.

The pharmaceutical compositions can be included in a container, pack, or dispenser together with instructions for administration.

# V. Predictive Medicine

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The present invention pertains to the field of predictive medicine in which diagnostic assays, prognostic assays, pharmacogenomics, and monitoring clinical trails 30 are used for prognostic (predictive) purposes to thereby treat an individual prophylactically. Accordingly, one aspect of the present invention relates to diagnostic

assays for determining the level of expression of polypeptides or nucleic acids corresponding to one or more markers of the invention, in order to determine whether an individual is at risk of developing ovarian cancer. Such assays can be used for prognostic or predictive purposes to thereby prophylactically treat an individual prior to the onset of the cancer.

- 83 -

Yet another aspect of the invention pertains to monitoring the influence of agents (e.g., drugs or other compounds administered either to inhibit ovarian cancer or to treat or prevent any other disorder {i.e. in order to understand any ovarian carcinogenic effects that such treatment may have} ) on the expression or activity of a marker of the invention in clinical trials. These and other agents are described in further detail in the following sections.

#### A. Diagnostic Assays

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An exemplary method for detecting the presence or absence of a polypeptide or nucleic acid corresponding to a marker of the invention in a biological sample involves obtaining a biological sample (e.g. an ovary-associated body fluid) from a test subject and contacting the biological sample with a compound or an agent capable of detecting the polypeptide or nucleic acid (e.g., mRNA, genomic DNA, or cDNA). The detection methods of the invention can thus be used to detect mRNA, protein, cDNA, or genomic DNA, for example, in a biological sample in vitro as well as in vivo. For example, in vitro techniques for detection of mRNA include Northern hybridizations and in situ hybridizations. In vitro techniques for detection of a polypeptide corresponding to a marker of the invention include enzyme linked immunosorbent assays (ELISAs), Western blots, immunoprecipitations and immunofluorescence. In vitro techniques for detection of genomic DNA include Southern hybridizations. Furthermore, in vivo techniques for detection of a polypeptide corresponding to a marker of the invention include introducing into a subject a labeled antibody directed against the polypeptide. For example, the antibody can be labeled with a radioactive marker whose presence and location in a subject can be detected by standard imaging techniques.

A general principle of such diagnostic and prognostic assays involves preparing a sample or reaction mixture that may contain a marker, and a probe, under appropriate conditions and for a time sufficient to allow the marker and probe to interact and bind,

- 84 -

thus forming a complex that can be removed and/or detected in the reaction mixture. These assays can be conducted in a variety of ways.

For example, one method to conduct such an assay would involve anchoring the marker or probe onto a solid phase support, also referred to as a substrate, and detecting target marker/probe complexes anchored on the solid phase at the end of the reaction. In one embodiment of such a method, a sample from a subject, which is to be assayed for presence and/or concentration of marker, can be anchored onto a carrier or solid phase support. In another embodiment, the reverse situation is possible, in which the probe can be anchored to a solid phase and a sample from a subject can be allowed to react as an unanchored component of the assay.

There are many established methods for anchoring assay components to a solid phase. These include, without limitation, marker or probe molecules which are immobilized through conjugation of biotin and streptavidin. Such biotinylated assay components can be prepared from biotin-NHS (N-hydroxy-succinimide) using techniques known in the art (e.g., biotinylation kit, Picrce Chemicals, Rockford, IL), and immobilized in the wells of streptavidin-coated 96 well plates (Pierce Chemical). In certain embodiments, the surfaces with immobilized assay components can be prepared in advance and stored.

Other suitable carriers or solid phase supports for such assays include any material capable of binding the class of molecule to which the marker or probe belongs. Well-known supports or carriers include, but are not limited to, glass, polystyrene, nylon, polypropylene, nylon, polyethylene, dextran, amylases, natural and modified celluloses, polyacrylamides, gabbros, and magnetite.

In order to conduct assays with the above mentioned approaches, the nonimmobilized component is added to the solid phase upon which the second component is anchored. After the reaction is complete, uncomplexed components may be removed (e.g., by washing) under conditions such that any complexes formed will remain immobilized upon the solid phase. The detection of marker/probe complexes anchored to the solid phase can be accomplished in a number of methods outlined herein.

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to one skilled in the art.

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In a preferred embodiment, the probe, when it is the unanchored assay component, can be labeled for the purpose of detection and readout of the assay, either directly or indirectly, with detectable labels discussed herein and which are well-known

It is also possible to directly detect marker/probe complex formation without further manipulation or labeling of either component (marker or probe), for example by utilizing the technique of fluorescence energy transfer (see, for example, Lakowicz et al., U.S. Patent No. 5,631,169; Stavrianopoulos, et al., U.S. Patent No. 4,868,103). A fluorophore label on the first, 'donor' molecule is selected such that, upon excitation with incident light of appropriate wavelength, its emitted fluorescent energy will be absorbed by a fluorescent label on a second 'acceptor' molecule, which in turn is able to fluoresce due to the absorbed energy. Alternately, the 'donor' protein molecule may simply utilize the natural fluorescent energy of tryptophan residues. Labels are chosen that emit different wavelengths of light, such that the 'acceptor' molecule label may be differentiated from that of the 'donor'. Since the efficiency of energy transfer between the labels is related to the distance separating the molecules, spatial relationships between the molecules can be assessed. In a situation in which binding occurs between the molecules, the fluorescent emission of the 'acceptor' molecule label in the assay should be maximal. An FET binding event can be conveniently measured through standard fluorometric detection means well known in the art (e.g., using a fluorimeter).

In another embodiment, determination of the ability of a probe to recognize a marker can be accomplished without labeling either assay component (probe or marker) by utilizing a technology such as real-time Biomolecular Interaction Analysis (BIA) (see, e.g., Sjolander, S. and Urbaniczky, C., 1991, Anal. Chem. 63:2338-2345 and Szabo et al., 1995, Curr. Opin. Struct. Biol. 5:699-705). As used herein, "BIA" or "surface plasmon resonance" is a technology for studying biospecific interactions in real time, without labeling any of the interactants (e.g., BIAcore). Changes in the mass at the binding surface (indicative of a binding event) result in alterations of the refractive index of light near the surface (the optical phenomenon of surface plasmon resonance (SPR)), resulting in a detectable signal which can be used as an indication of real-time reactions between biological molecules.

- 86 -

Alternatively, in another embodiment, analogous diagnostic and prognostic assays can be conducted with marker and probe as solutes in a liquid phase. In such an assay, the complexed marker and probe are separated from uncomplexed components by any of a number of standard techniques, including but not limited to: differential centrifugation, chromatography, electrophoresis and immunoprecipitation. In differential centrifugation, marker/probe complexes may be separated from uncomplexed assay components through a series of centrifugal steps, due to the different sedimentation equilibria of complexes based on their different sizes and densities (see, for example, Rivas, G., and Minton, A.P., 1993, Trends Biochem Sci. 18(8):284-7). Standard chromatographic techniques may also be utilized to separate complexed molecules from uncomplexed ones. For example, gel filtration chromatography separates molecules based on size, and through the utilization of an appropriate gel filtration resin in a column format, for example, the relatively larger complex may be separated from the relatively smaller uncomplexed components. Similarly, the relatively different charge properties of the marker/probe complex as compared to the uncomplexed components may be exploited to differentiate the complex from uncomplexed components, for example through the utilization of ion-exchange chromatography resins. Such resins and chromatographic techniques are well known to one skilled in the art (see, e.g., Heegaard, N.H., 1998, J. Mol. Recognit. Winter 11(1-6):141-8; Hage, D.S., and Tweed, S.A. J Chromatogr B Biomed Sci Appl 1997 Oct 10;699(1-2):499-525). Gel electrophoresis may also be employed to separate complexed assay components from unbound components (see, e.g., Ausubel et al., ed., Current Protocols in Molecular Biology, John Wiley & Sons, New York, 1987-1999). In this technique, protein or nucleic acid complexes are separated based on size or 25 charge, for example. In order to maintain the binding interaction during the electrophoretic process, non-denaturing gel matrix materials and conditions in the absence of reducing agent are typically preferred. Appropriate conditions to the particular assay and components thereof will be well known to one skilled in the art.

In a particular embodiment, the level of mRNA corresponding to the marker can be determined both by *in situ* and by *in vitro* formats in a biological sample using methods known in the art. The term "biological sample" is intended to include tissues, cells, biological fluids and isolates thereof, isolated from a subject, as well as tissues,

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cells and fluids present within a subject. Many expression detection methods use isolated RNA. For *in vitro* methods, any RNA isolation technique that does not select against the isolation of mRNA can be utilized for the purification of RNA from ovarian cells (see, *e.g.*, Ausubel *et al.*, ed., *Current Protocols in Molecular Biology*, John Wiley & Sons, New York 1987-1999). Additionally, large numbers of tissue samples can readily be processed using techniques well known to those of skill in the art, such as, for example, the single-step RNA isolation process of Chomczynski (1989, U.S. Patent No. 4,843,155).

The isolated mRNA can be used in hybridization or amplification assays that include, but are not limited to, Southern or Northern analyses, polymerase chain reaction analyses and probe arrays. One preferred diagnostic method for the detection of mRNA levels involves contacting the isolated mRNA with a nucleic acid molecule (probe) that can hybridize to the mRNA encoded by the gene being detected. The nucleic acid probe can be, for example, a full-length cDNA, or a portion thereof, such as an oligonucleotide of at least 7, 15, 30, 50, 100, 250 or 500 nucleotides in length and sufficient to specifically hybridize under stringent conditions to a mRNA or genomic DNA encoding a marker of the present invention. Other suitable probes for use in the diagnostic assays of the invention are described herein. Hybridization of an mRNA with the probe indicates that the marker in question is being expressed.

In one format, the mRNA is immobilized on a solid surface and contacted with a probe, for example by running the isolated mRNA on an agarose gel and transferring the mRNA from the gel to a membrane, such as nitrocellulose. In an alternative format, the probe(s) are immobilized on a solid surface and the mRNA is contacted with the probe(s), for example, in an Affymetrix gene chip array. A skilled artisan can readily adapt known mRNA detection methods for use in detecting the level of mRNA encoded by the markers of the present invention.

An alternative method for determining the level of mRNA corresponding to a marker of the present invention in a sample involves the process of nucleic acid amplification, e.g., by rtPCR (the experimental embodiment set forth in Mullis, 1987, U.S. Patent No. 4,683,202), ligase chain reaction (Barany, 1991, Proc. Natl. Acad. Sci. USA, 88:189-193), self sustained sequence replication (Guatelli et al., 1990, Proc. Natl. Acad. Sci. USA 87:1874-1878), transcriptional amplification system (Kwoh et al., 1989,

Proc. Natl. Acad. Sci. USA 86:1173-1177), Q-Beta Replicase (Lizardi et al., 1988, Bio/Technology 6:1197), rolling circle replication (Lizardi et al., U.S. Patent No. 5,854,033) or any other nucleic acid amplification method, followed by the detection of the amplified molecules using techniques well known to those of skill in the art. These detection schemes are especially useful for the detection of nucleic acid molecules if such molecules are present in very low numbers. As used herein, amplification primers are defined as being a pair of nucleic acid molecules that can anneal to 5' or 3' regions of a gene (plus and minus strands, respectively, or vice-versa) and contain a short region in between. In general, amplification primers are from about 10 to 30 nucleotides in length and flank a region from about 50 to 200 nucleotides in length. Under appropriate conditions and with appropriate reagents, such primers permit the amplification of a nucleic acid molecule comprising the nucleotide sequence flanked by the primers.

For *in situ* methods, mRNA does not need to be isolated from the ovarian cells prior to detection. In such methods, a cell or tissue sample is prepared/processed using known histological methods. The sample is then immobilized on a support, typically a glass slide, and then contacted with a probe that can hybridize to mRNA that encodes the marker.

As an alternative to making determinations based on the absolute expression level of the marker, determinations may be based on the normalized expression level of the marker. Expression levels are normalized by correcting the absolute expression level of a marker by comparing its expression to the expression of a gene that is not a marker, e.g., a housekeeping gene that is constitutively expressed. Suitable genes for normalization include housekeeping genes such as the actin gene, or epithelial cell-specific genes. This normalization allows the comparison of the expression level in one sample, e.g., a patient sample, to another sample, e.g., a non-ovarian cancer sample, or between samples from different sources.

Alternatively, the expression level can be provided as a relative expression level. To determine a relative expression level of a marker, the level of expression of the marker is determined for 10 or more samples of normal versus cancer cell isolates, preferably 50 or more samples, prior to the determination of the expression level for the sample in question. The mean expression level of each of the genes assayed in the larger number of samples is determined and this is used as a baseline expression level

for the marker. The expression level of the marker determined for the test sample (absolute level of expression) is then divided by the mean expression value obtained for that marker. This provides a relative expression level.

Preferably, the samples used in the baseline determination will be from ovarian cancer or from non-ovarian cancer cells of ovarian tissue. The choice of the cell source is dependent on the use of the relative expression level. Using expression found in normal tissues as a mean expression score aids in validating whether the marker assayed is ovarian specific (versus normal cells). In addition, as more data is accumulated, the mean expression value can be revised, providing improved relative expression values based on accumulated data. Expression data from ovarian cells provides a means for grading the severity of the ovarian cancer state.

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In another embodiment of the present invention, a polypeptide corresponding to a marker is detected. A preferred agent for detecting a polypeptide of the invention is an antibody capable of binding to a polypeptide corresponding to a marker of the invention, preferably an antibody with a detectable label. Antibodies can be polyclonal, or more preferably, monoclonal. An intact antibody, or a fragment thereof (e.g., Fab or F(ab')<sub>2</sub>) can be used. The term "labeled", with regard to the probe or antibody, is intended to encompass direct labeling of the probe or antibody by coupling (i.e., physically linking) a detectable substance to the probe or antibody, as well as indirect labeling of the probe or antibody by reactivity with another reagent that is directly labeled. Examples of indirect labeling include detection of a primary antibody using a fluorescently labeled secondary antibody and end-labeling of a DNA probe with biotin such that it can be detected with fluorescently labeled streptavidin.

Proteins from ovarian cells can be isolated using techniques that are well known to those of skill in the art. The protein isolation methods employed can, for example, be such as those described in Harlow and Lane (Harlow and Lane, 1988, Antibodies: A Laboratory Manual, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York).

A variety of formats can be employed to determine whether a sample contains a protein that binds to a given antibody. Examples of such formats include, but are not limited to, enzyme immunoassay (EIA), radioimmunoassay (RIA), Western blot analysis and enzyme linked immunoabsorbant assay (ELISA). A skilled artisan can

- 90 -

readily adapt known protein/antibody detection methods for use in determining whether ovarian cells express a marker of the present invention.

In one format, antibodies, or antibody fragments, can be used in methods such as Western blots or immunofluorescence techniques to detect the expressed proteins. In such uses, it is generally preferable to immobilize either the antibody or proteins on a solid support. Suitable solid phase supports or carriers include any support capable of binding an antigen or an antibody. Well-known supports or carriers include glass, polystyrene, polypropylene, polyethylene, dextran, nylon, amylases, natural and modified celluloses, polyacrylamides, gabbros, and magnetite.

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One skilled in the art will know many other suitable carriers for binding antibody or antigen, and will be able to adapt such support for use with the present invention. For example, protein isolated from ovarian cells can be run on a polyacrylamide gel electrophoresis and immobilized onto a solid phase support such as nitrocellulose. The support can then be washed with suitable buffers followed by treatment with the detectably labeled antibody. The solid phase support can then be washed with the buffer a second time to remove unbound antibody. The amount of bound label on the solid support can then be detected by conventional means.

The invention also encompasses kits for detecting the presence of a polypeptide or nucleic acid corresponding to a marker of the invention in a biological sample (e.g. an ovary-associated body fluid such as a urine sample). Such kits can be used to determine if a subject is suffering from or is at increased risk of developing ovarian cancer. For example, the kit can comprise a labeled compound or agent capable of detecting a polypeptide or an mRNA encoding a polypeptide corresponding to a marker of the invention in a biological sample and means for determining the amount of the polypeptide or mRNA in the sample (e.g., an antibody which binds the polypeptide or an oligonucleotide probe which binds to DNA or mRNA encoding the polypeptide). Kits can also include instructions for interpreting the results obtained using the kit.

For antibody-based kits, the kit can comprise, for example: (1) a first antibody (e.g., attached to a solid support) which binds to a polypeptide corresponding to a marker of the invention; and, optionally, (2) a second, different antibody which binds to either the polypeptide or the first antibody and is conjugated to a detectable label.

- 91 -

PCT/US00/24199

For oligonucleotide-based kits, the kit can comprise, for example: (1) an oligonucleotide, e.g., a detectably labeled oligonucleotide, which hybridizes to a nucleic acid sequence encoding a polypeptide corresponding to a marker of the invention or (2) a pair of primers useful for amplifying a nucleic acid molecule corresponding to a marker of the invention. The kit can also comprise, e.g., a buffering agent, a preservative, or a protein stabilizing agent. The kit can further comprise components necessary for detecting the detectable label (e.g., an enzyme or a substrate). The kit can also contain a control sample or a series of control samples which can be assayed and compared to the test sample. Each component of the kit can be enclosed within an individual container and all of the various containers can be within a single package, along with instructions for interpreting the results of the assays performed using the kit.

# B. Pharmacogenomics

treatment of the individual.

Agents or modulators which have a stimulatory or inhibitory effect on expression

of a marker of the invention can be administered to individuals to treat (prophylactically or therapeutically) ovarian cancer in the patient. In conjunction with such treatment, the pharmacogenomics (*i.e.*, the study of the relationship between an individual's genotype and that individual's response to a foreign compound or drug) of the individual may be considered. Differences in metabolism of therapeutics can lead to severe toxicity or therapeutic failure by altering the relation between dose and blood concentration of the pharmacologically active drug. Thus, the pharmacogenomics of the individual permits the selection of effective agents (*e.g.*, drugs) for prophylactic or therapeutic treatments based on a consideration of the individual's genotype. Such pharmacogenomics can further be used to determine appropriate dosages and therapeutic regimens.

Accordingly, the level of expression of a marker of the invention in an individual can be determined to thereby select appropriate agent(s) for therapeutic or prophylactic

Pharmacogenomics deals with clinically significant variations in the response to drugs due to altered drug disposition and abnormal action in affected persons. See, e.g., Linder (1997) Clin. Chem. 43(2):254-266. In general, two types of pharmacogenetic conditions can be differentiated. Genetic conditions transmitted as a single factor altering the way drugs act on the body are referred to as "altered drug action." Genetic

conditions transmitted as single factors altering the way the body acts on drugs are referred to as "altered drug metabolism". These pharmacogenetic conditions can occur either as rare defects or as polymorphisms. For example, glucose-6-phosphate dehydrogenase (G6PD) deficiency is a common inherited enzymopathy in which the main clinical complication is hemolysis after ingestion of oxidant drugs (anti-malarials, sulfonamides, analgesics, nitrofurans) and consumption of fava beans.

As an illustrative embodiment, the activity of drug metabolizing enzymes is a major determinant of both the intensity and duration of drug action. The discovery of genetic polymorphisms of drug metabolizing enzymes (e.g., N-acetyltransferase 2 (NAT 2) and cytochrome P450 enzymes CYP2D6 and CYP2C19) has provided an explanation as to why some patients do not obtain the expected drug effects or show exaggerated drug response and serious toxicity after taking the standard and safe dose of a drug. These polymorphisms are expressed in two phenotypes in the population, the extensive metabolizer (EM) and poor metabolizer (PM). The prevalence of PM is different among different populations. For example, the gene coding for CYP2D6 is highly polymorphic and several mutations have been identified in PM, which all lead to the absence of functional CYP2D6. Poor metabolizers of CYP2D6 and CYP2C19 quite frequently experience exaggerated drug response and side effects when they receive standard doses. If a metabolite is the active therapeutic moiety, a PM will show no therapeutic response, as demonstrated for the analgesic effect of codeine mediated by its CYP2D6formed metabolite morphine. The other extreme are the so called ultra-rapid metabolizers who do not respond to standard doses. Recently, the molecular basis of ultra-rapid metabolism has been identified to be due to CYP2D6 gene amplification.

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Thus, the level of expression of a marker of the invention in an individual can be

determined to thereby select appropriate agent(s) for therapeutic or prophylactic
treatment of the individual. In addition, pharmacogenetic studies can be used to apply
genotyping of polymorphic alleles encoding drug-metabolizing enzymes to the
identification of an individual's drug responsiveness phenotype. This knowledge, when
applied to dosing or drug selection, can avoid adverse reactions or therapeutic failure

and thus enhance therapeutic or prophylactic efficiency when treating a subject with a
modulator of expression of a marker of the invention.

- 93 -

PCT/US00/24199

# C. Monitoring Clinical Trials

Monitoring the influence of agents (e.g., drug compounds) on the level of expression of a marker of the invention can be applied not only in basic drug screening, but also in clinical trials. For example, the effectiveness of an agent to affect marker expression can be monitored in clinical trials of subjects receiving treatment for ovarian cancer. In a preferred embodiment, the present invention provides a method for monitoring the effectiveness of treatment of a subject with an agent (e.g., an agonist, antagonist, peptidomimetic, protein, peptide, nucleic acid, small molecule, or other drug candidate) comprising the steps of (i) obtaining a pre-administration sample from a subject prior to administration of the agent; (ii) detecting the level of expression of one or more selected markers of the invention in the pre-administration sample; (iii) obtaining one or more post-administration samples from the subject; (iv) detecting the level of expression of the marker(s) in the post-administration samples; (v) comparing the level of expression of the marker(s) in the pre-administration sample with the level of expression of the marker(s) in the post-administration sample or samples; and (vi) altering the administration of the agent to the subject accordingly. For example, increased administration of the agent can be desirable to increase expression of the marker(s) to higher levels than detected, i.e., to increase the effectiveness of the agent. Alternatively, decreased administration of the agent can be desirable to decrease expression of the marker(s) to lower levels than detected, i.e., to decrease the effectiveness of the agent.

# D. Surrogate Markers

The markers of the invention may serve as surrogate markers for one or more disorders or disease states or for conditions leading up to disease states, and in particular, ovarian cancer. As used herein, a "surrogate marker" is an objective biochemical marker which correlates with the absence or presence of a disease or disorder, or with the progression of a disease or disorder (e.g., with the presence or absence of a tumor). The presence or quantity of such markers is independent of the disease. Therefore, these markers may serve to indicate whether a particular course of treatment is effective in lessening a disease state or disorder. Surrogate markers are of particular use when the presence or extent of a disease state or disorder is difficult to

assess through standard methodologies (e.g., early stage tumors), or when an assessment of disease progression is desired before a potentially dangerous clinical endpoint is reached (e.g., an assessment of cardiovascular disease may be made using cholesterol levels as a surrogate marker, and an analysis of HIV infection may be made using HIV RNA levels as a surrogate marker, well in advance of the undesirable clinical outcomes of myocardial infarction or fully-developed AIDS). Examples of the use of surrogate markers in the art include: Koomen et al. (2000) J. Mass. Spectrom. 35: 258-264; and James (1994) AIDS Treatment News Archive 209.

The markers of the invention are also useful as pharmacodynamic markers. As used herein, a "pharmacodynamic marker" is an objective biochemical marker which correlates specifically with drug effects. The presence or quantity of a pharmacodynamic marker is not related to the disease state or disorder for which the drug is being administered; therefore, the presence or quantity of the marker is indicative of the presence or activity of the drug in a subject. For example, a pharmacodynamic marker may be indicative of the concentration of the drug in a biological tissue, in that the marker is either expressed or transcribed or not expressed or transcribed in that tissue in relationship to the level of the drug. In this fashion, the distribution or uptake of the drug may be monitored by the pharmacodynamic marker. Similarly, the presence or quantity of the pharmacodynamic marker may be related to the presence or quantity of the metabolic product of a drug, such that the presence or quantity of the marker is indicative of the relative breakdown rate of the drug in vivo. Pharmacodynamic markers are of particular use in increasing the sensitivity of detection of drug effects, particularly when the drug is administered in low doses. Since even a small amount of a drug may be sufficient to activate multiple rounds of marker transcription or expression, the amplified marker may be in a quantity which is more readily detectable than the drug itself. Also, the marker may be more easily detected due to the nature of the marker itself; for example, using the methods described herein, antibodics may be employed in an immune-based detection system for a protein marker, or marker-specific radiolabeled probes may be used to detect a mRNA marker. Furthermore, the use of a pharmacodynamic marker may offer mechanism-based prediction of risk due to drug treatment beyond the range of possible direct

observations. Examples of the use of pharmacodynamic markers in the art include:

Matsuda et al. US 6,033,862; Hattis et al. (1991) Env. Health Perspect. 90: 229-238; Schentag (1999) Am. J. Health-Syst. Pharm. 56 Suppl. 3: S21-S24; and Nicolau (1999) Am, J. Health-Syst. Pharm. 56 Suppl. 3: S16-S20.

The markers of the invention are also useful as pharmacogenomic markers. As used herein, a "pharmacogenomic marker" is an objective biochemical marker which 5 correlates with a specific clinical drug response or susceptibility in a subject (see, e.g., McLeod et al. (1999) Eur. J. Cancer 35(12): 1650-1652). The presence or quantity of the pharmacogenomic marker is related to the predicted response of the subject to a specific drug or class of drugs prior to administration of the drug. By assessing the presence or quantity of one or more pharmacogenomic markers in a subject, a drug therapy which is most appropriate for the subject, or which is predicted to have a greater degree of success, may be selected. For example, based on the presence or quantity of RNA or protein for specific tumor markers in a subject, a drug or course of treatment may be selected that is optimized for the treatment of the specific tumor likely to be present in the subject. Similarly, the presence or absence of a specific sequence mutation in marker DNA may correlate with drug response. The use of pharmacogenomic markers therefore permits the application of the most appropriate treatment for each subject without having to administer the therapy.

# 20 E. Computer Readable Means and Arrays

Computer readable media comprising a marker of the present invention is also provided. As used herein, "computer readable media" refers to any medium that can be read and accessed directly by a computer. Such media include, but are not limited to: magnetic storage media, such as floppy discs, hard disc storage medium, and magnetic tape; optical storage media such as CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media. The skilled artisan will readily appreciate how any of the presently known computer readable mediums can be used to create a manufacture comprising computer readable medium having recorded thereon a marker of the present invention.

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As used herein, "recorded" refers to a process for storing information on computer readable medium. Those skilled in the art can readily adopt any of the presently known methods for recording information on computer readable medium to generate manufactures comprising the markers of the present invention.

A variety of data processor programs and formats can be used to store the marker information of the present invention on computer readable medium. For example, the nucleic acid sequence corresponding to the markers can be represented in a word processing text file, formatted in commercially-available software such as WordPerfect and MicroSoft Word, or represented in the form of an ASCII file, stored in a database application, such as DB2, Sybase, Oracle, or the like. Any number of dataprocessor structuring formats (e.g., text file or database) may be adapted in order to obtain computer readable medium having recorded thereon the markers of the present invention.

By providing the markers of the invention in computer readable form, one can routinely access the marker sequence information for a variety of purposes. For example, one skilled in the art can use the nucleotide or amino acid sequences of the present invention in computer readable form to compare a target sequence or target structural motif with the sequence information stored within the data storage means. Search means are used to identify fragments or regions of the sequences of the invention which match a particular target sequence or target motif.

The invention also includes an array comprising a marker of the present invention. The array can be used to assay expression of one or more genes in the array. In one embodiment, the array can be used to assay gene expression in a tissue to ascertain tissue specificity of genes in the array. In this manner, up to about 7600 genes can be simultaneously assayed for expression. This allows a profile to be developed showing a battery of genes specifically expressed in one or more tissues.

In addition to such qualitative determination, the invention allows the quantitation of gene expression. Thus, not only tissue specificity, but also the level of expression of a battery of genes in the tissue is ascertainable. Thus, genes can be grouped on the basis of their tissue expression *per se* and level of expression in that tissue. This is useful, for example, in ascertaining the relationship of gene expression between or among tissues. Thus, one tissue can be perturbed and the effect on gene

expression in a second tissue can be determined. In this context, the effect of one cell type on another cell type in response to a biological stimulus can be determined. Such a determination is useful, for example, to know the effect of cell-cell interaction at the level of gene expression. If an agent is administered therapeutically to treat one cell type but has an undesirable effect on another cell type, the invention provides an assay to determine the molecular basis of the undesirable effect and thus provides the opportunity to co-administer a counteracting agent or otherwise treat the undesired effect. Similarly, even within a single cell type, undesirable biological effects can be determined at the molecular level. Thus, the effects of an agent on expression of other than the target gene can be ascertained and counteracted.

In another embodiment, the array can be used to monitor the time course of expression of one or more genes in the array. This can occur in various biological contexts, as disclosed herein, for example development and differentiation, tumor progression, progression of other diseases, *in vitro* processes, such a cellular transformation and senescence, autonomic neural and neurological processes, such as, for example, pain and appetite, and cognitive functions, such as learning or memory.

The array is also useful for ascertaining the effect of the expression of a gene on the expression of other genes in the same cell or in different cells. This provides, for example, for a selection of alternate molecular targets for therapeutic intervention if the ultimate or downstream target cannot be regulated.

The array is also useful for ascertaining differential expression patterns of one or more genes in normal and abnormal cells. This provides a battery of genes that could serve as a molecular target for diagnosis or therapeutic intervention.

# 25 VI. Experimental Protocol

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# A. Subtracted Libraries

Subtracted libraries are generated using a PCR based method that allows the isolation of clones expressed at higher levels in one population of mRNA (tester) compared to another population (driver). Both tester and driver mRNA populations are converted into cDNA by reverse transcription, and then PCR amplified using the SMART PCR kit from Clontech. Tester and driver cDNAs are then hybridized using

the PCR-Select cDNA subtraction kit from Clontech. This technique results in both subtraction and normalization, which is an equalization of copy number of low-abundance and high-abundance sequences. After generation of the subtractive libraries, a group of 96 or more clones from each library is tested to confirm differential expression by reverse Southern hybridization.

A first group of regular cDNA libraries was constructed. Library johOa was constructed from a pool of 5 normal ovarian epithelial cell cultures. Library johOb was constructed from a pool of 5 ascites short cultured samples from ovarian cancer patients. Library johOc was constructed from a pool of 6 serous late stage (III/IV) tumor samples. Three subtracted libraries were generated from these libraries: johOd, johOe and johOf. The johOd library was a subtracted ascites library, where the tester was johOb, and the driver was johOa. The johOe and johOf libraries were both subtracted stage III/IV serous tumor libraries. The tester for both of these libraries was johOc, and the driver was a pooled RNA from normal tissues. The tissues used for this driver pool were:

15 kidney, small intestine, prostate, lung, heart, muscle, spleen, pancreas, liver, and lymphocyte. Library cMhOg was the same as the johOc and johOf libraries, with the exception that normal ovary was added to the driver. cMhOh, i, j, and k are all stage I/II subtracted libraries made from pooled tumor RNAs of different histological types (h=serous, I-endometriod, j=clear cell, k=mucinous). The driver was the same for these

SEQ ID NOS: 1-2795 (Tables 1 and 1A) were identified through the above-described subtractive library hybridization techniques. In Tables 1 and 1A, SEQ ID NOS: 1-773 were from Library johOd; SEQ ID NOS: 774-1331 were from Library johOe; SEQ ID NOS: 1332-2795 were from Libraries johOf.

4 libraries. It consisted of normal ovarian epithelial RNA and PBML RNA.

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SEQ ID NOS: 2796-10795 (Table 6) and 10796-10808 (Table 6A) were also identified through the above-described subtractive library hybridization techniques. In Table 6, SEQ ID NOS: 2796-3789 were from Library cMhOg; SEQ ID NOS: 3790-6301 were from Library cMhoh; SEQ ID NOS: 6302-8108 were from Libraries cMhoi; SEQ ID NOS: 8109-9981 were from Library cMhoj; SEQ ID NOS: 9982-10795 were from Libraries cMhok.

WO 01/18542

#### B. Transcript Profiling

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Nylon arrays were prepared by spotting purified PCR product onto a nylon membrane using a robotic gridding system linked to a sample database. Several thousand clones were spotted on each nylon filter.

- 99 -

RNA or DNA from clinical samples (tumor and normal), and cell lines as well as from subtracted libraries, were used for hybridization against the nylon arrays. The RNA or DNA is labeled utilizing an in vitro reverse transcription reaction that contains a radiolabeled nucleotide that is incorporated during the reaction. Hybridization experiments were carried out by combining labeled RNA or DNA samples with nylon filters in a hybridization chamber. Duplicate, independent hybridization experiments were performed to generate transcriptional profiling data. See, Nature Genetics, 21 (1999).

#### C. Proteomics

Proteins that are secreted by normal and transformed cells in culture are analyzed to identify those proteins that are likely to be secreted by cancerous cells into body fluids. Supernatants are isolated and MWT-CO filters are used to simplify the mixture of proteins. The proteins are then digested with trypsin. The tryptic peptides are loaded onto a microcapillary HPLC column where they are separated, and eluted directly into an ion trap mass spectrometer, through a custom-made electrospray ionization source. Throughout the gradient, sequence data is acquired through fragmentation of the four most intense ions (peptides) that elute off the column, while dynamically excluding those that have already been fragmented. In this way, approximately 2000 scans worth of sequence data are obtained, corresponding to approximately 50 to 200 different proteins in the sample. These data are searched against databases using correlation analysis tools, such as MS-Tag, to identify the proteins in the supernatants.

The markers of Tables 7A-7E were identified through the above-described proteomics protocol. In particular, the proteins set forth in Tables 7A-7E were identified and their expression was analyzed in seven short term cultures of ovarian cancer cells (jov891N, jov915N, jov915p6N, jov928N, jov860N, jov908N and jov926N) and six

- 100 -

ovarian cancer cell lines (ov17TotN, ov167TotN, ov177TotN, ov202TotN, ov207TotN and ov266TotN).

#### D. Identification of Novel Genes

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Sequences which displayed an increase in expression in [any one of] twelve late stage ovarian tumor samples over the corresponding average expression of four nontumor samples were blasted against both public and proprietary sequence databases in order to identify other sequences with significant overlap. Contiguous sequences were then assembled into full length genes (cDNAs). Those cDNAs in which the potential open reading frame was still open at the 5' end were experimentally extended by either 5' RACE PCR or extracted from full length cDNA libraries by a PCR reaction between the vector and 5'end of the assembled electronic sequence. To predict whether an assembled gene encodes a potential integral membrane protein or not, hydropathy predictions of the predicted open reading frame was performed. If the open reading frame contained a predicted signal peptide in the N-terminal portion and a single membrane spanning domain, it was labeled as being a potential type I transmembrane protein. If the predicted amino acid sequence contained a transmembrane domain in the N-terminal portion of the protein, it was labeled as being a potential type II transmembrane protein. If the predicted amino acid sequence was a short hydrophobic protein (<50 amino acids), such as CD52 (CAMPATH), it was labeled as a potential integral membrane protein. If the predicted amino acid sequence contained multiple membrane spanning regions it was labeled as a type III transmembrane protein.

The novel genes of Table 8 were identified through the above-described procedure.

E. Northern Blot Analysis

Northern blots were performed for several of the genes of Table 8 to analyze for expression in normal human tissues. A clone was picked and served as a template for generation of probes for Northern blots. The probes were radiolabeled using <sup>32</sup>PdCTP using standard procedures and hybridized to Clontech (Palo Alto, California) human multiple tissue northerns. Clontech Human MTN blot (catalog # 7760-1) contains heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Human 12-Lane

- 101 -

MTN blot (catalog # 7780-1) contains brain, heart, skeletal muscle, colon, thymus, spleen, kidney, liver, small intestine, placenta, lung, peripheral blood leukocytes. Human MTN blot II (#7759-1) contains spleen, thymus, prostate, testis, ovary, small intestine, colon, and peripheral blood leukocytes. The hybridization and wash conditions used were as described in the Clontech Multiple Tissue Northern (MTN) Blot User Manual (Catalogue number PT1200-1). Kodak biomax film was exposed to the Northern blot membrane for 10-72 hours, which were then developed.

Tables 10A-10N summarize the Northern blot analysis performed for several of the novel genes of Table 8.

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# F. Gene Expression Analysis

Total RNA from normal human tissue was obtained from commercial sources. The integrity of the RNA was verified by agarose gel electrophoresis and ethidium bromide staining. Cell lines were purchased from ATCC and grown under the conditions recommended by ATCC. Total RNA from a number of various breast, ovarian and prostate adenocarcinoma cell lines was prepared using commercial kits (Qiagen). First strand cDNA was prepared using oligo-dT primer and standard conditions. Each RNA preparation was treated with DNase I (Ambion) at 37°C for 1 hour.

Novel gene expression was measured by TaqMan® quantitative PCR (Perkin Elmer Applied Biosystems) in cDNA prepared from the following normal human tissues: prostate, cerebellum, breast, ovary, kidney, trachea, adipose, small intestine, thyroid, testis, placenta, spinal cord, cervix, esophagus, splcen, thymus, brain, lung, skeletal muscle, heart, mammary gland, salivary gland, stomach, uterus, adrenal gland, bladder, medulla hippocampus, and liver from one or two adult donors. Furthermore, novel gene expression was analyzed in the following cell lines: ZR-75-30, CAMA-1, MDA-MB-157, MDA-MB-175VII, MDA-MB-231, MDA-MB-361, SK-BR-3, BT-483, BT-549, DU4475, Hs578Bst, Hs578T, MDA-MB-453, T-47D, ES-2, Caov-3, SK-OV-3, NIH:OVCAR-3, HTB-78, CRL-1572, CRL-10303, CA-HPV-10, CA-HPV-7, DU145, MCF-7 and MDA-MB-468.

PCR Probes were designed by PrimerExpress software (PE Biosystems) based on the disclosed sequences of each novel human kinase gene. The primers and probes for expression analysis of the novel genes in Table 8 are given below:

- 102 -

# Marker 10

Forward primer: F GATGACTTGAGAGAAGGTGCACAGT Reverse primer: R AAGGACAAGTGTGTTTGGCTTCA TaqMan probe: TTTGATGCAGGCTGCTGGTCTTGG

### 10 Marker 15

Forward primer: F TGCAGCAGCCTGTGTATGC Reverse primer: R AAACAGCGACACGACAGTGAA TaqMan probe: P TTGGCTCCGGTATCGTCAACACGG

# 15 Marker 19

Forward primer: F AGTTCATCACGATATCAGGGAAGAT R TGAATGATTACTGCCGATGTAGCT Reverse primer: P CAAAGAGCCGTACGTCCACTGCCAGA TaqMan probe:

#### 20 Marker 5

Forward primer: GGCTGCTTTGCTGCAACTG F CAGAGCGGCAGCAGAATA Reverse primer: R TaqMan Probe Þ ACCCCGCACAGACAAGCCTTACTCC

# 25 Marker 8

Forward primer F TGTGTGCTGAAGGCTACATGTTG Reverse primer R TCTCCATGGCTGGTTTCCA Р TTCTTACACGTCAGGTATTTGTAATCGCCCT TaqMan Probe

# 30 Marker 25

Forward Primer F CTCCCACCCCTTCTTCAATG Reverse primer R **AGCTGTACTCTGCCGGTTTCTC** TaqMan Probe Р ACCTTCGACTATGACATCGCGCTGCT

PCT/US00/24199 WO 01/18542

- 103 -

Marker 39

Forward primer F CCCGGAATGTGGTTTATGGTATT Reverse primer GACCGTCTTGTTGTGGAGTGAAG R

TaqMan Probe CCTTTCCTTGACCTCTATCGCAACCCGAA Р

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An internal reference gene 18S rRNA was used. Primers and probe were purchased pretested from PE Applied Biosystems. Each gene probe was labeled using FAM (6-carboxyfluorescein), and the β2-microglobulin reference probe was labeled with a different fluorescent dye, VIC. The differential labeling of the target gene and internal reference gene thus enabled measurement in same well. Forward and reverse primers and the probes for both 18S rRNA and target gene were added to the TaqMan® Universal PCR Master Mix (PE Applied Biosystems). Although the final concentration of primer and probe could vary, each was internally consistent within a given experiment. A typical experiment contained 900 nM of forward and reverse primers plus 250nM probe for the target gene whereas primers and probe for 18S rRNA were used according to manufacturer's recommendations. TayMan matrix experiments were carried out on an ABI PRISM 7700 Sequence Detection System (PE Applied Biosystems). The thermal cycler conditions were as follows: hold for 2 min at 50°C and 10 min at 95°C, followed by two-step PCR for 40 cycles of 95°C for 15 sec followed by 20 60°C for 1 min.

The following method was used to quantitatively calculate gene expression in the various tissues relative to 18S rRNA expression in the same tissue. The threshold cycle (Ct) value is defined as the cycle at which a statistically significant increase in flourescence is detected. A lower Ct value is indicative of a higher mRNA concentration. The Ct value of a given gene (Ct<sub>marker</sub>) is normalized by subtracting the Ct value of the 18S rRNA gene to obtain a Ct value using the following formula: <sub>Δ</sub>Ct=Ct<sub>marker</sub> − Ct <sub>β18S rRNA</sub>. Expression is then calibrated against a no template control sample. The  $_{\Delta}$ Ct value for the calibrator sample is then subtracted from  $_{\Delta}$ Ct for each tissue sample according to the following formula:  $\Delta \Delta Ct = \Delta Ct$ -sample -  $\Delta Ct$ -calibrator. Relative expression is then calculated using the arithmetic formula given by 2-\(^{\Delta Cl}\). Table 9 30 graphically represents the results of the TaqMan® expression study.

- 104 -

# G. LightCycler

The LightCycler Instrument from Boehringer Mannheim GmbH, Mannheim is a thermocycler for the rapid analysis of PCR applications. Fluorimetric analysis of the PCR products formed is performed as "real time" measurement either continuously or at a specifically defined time during each PCR cycle. The three detection channels of the LightCycler are fitted with filter combinations which allow analysis at the given emission wavelengths, thereby enabling exact sample measurement to be carried out in parallel with the fluorophores. SYBR Green I is a dye specific for double-stranded DNA. Its inherent fluorescence is enhanced by binding to the minor groove to ds DNA. The addition of SYBR Green I to PCR reactions allows the detection of PCR products 10 formed by the binding of this flurophore during each phase of DNA synthesis. The point of time of fluorimetric measurement is determined at the end of the elongation phase. The LightCycler- FastStart DNA Master SYBR Green I kit manufactured by Roche was used in order to quantify the copy number of a specific target. A panel of tumors and normal tissues were used to detect the expression levels of specific markers of the present invention in ovarian tumor samples compared to normal. The results are set forth in Table 11.

# H. RT-PCR

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The Gibco BRL Superscript first strand synthesis system was used for RT-PCR to synthesize first strand cDNA from total RNA of ovarian tumors as well as normal ovary. Gene specific primers were designed for clones of the present invention using software program Oligo5.1. Finished sequence for these clones was available by in house sequencing efforts. Following the use of this system, target cDNA was amplified with the gene specific primers. Presence of a band in a sample indicates that the gene is upregulated in that particular tissue or tumor. Table 11 summarizes the RT-PCR data.

# VII. Summary of the Data Provided in the Tables

The level of expression of numerous potential markers (i.e. "the markers of the invention") in cells obtained from seven patients afflicted with ovarian cancer, and in cells of six ovarian cancer cell lines (i.e. a total of thirteen sample sources) were

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PCT/US00/24199

compared with levels of expression of the same markers in non-cancerous ovarian cell samples. Markers for which significant differences in the levels of expression in cancerrelated samples and non-cancerous samples were observed are listed in the Tables.

Tables 1 and 1A list markers that were identified in subtractive libraries and which are preferentially expressed in ovarian cancer cells over normal (i.e. noncancerous) ovarian cells.

Table 2A lists markers, expression of which was increased by at least 5-fold in at least one of twenty-three ovarian cancer samples tested, relative to its expression in normal (i.e. non-cancerous) ovarian samples. Table 2B lists markers, expression of 10 which was increased by at least 2-fold in all twenty-three ovarian cancer samples tested, relative to its expression in normal ovarian samples. Table 2C lists markers, expression of which was increased by at least 5-fold in at least 6 of the 23 ovarian cancer samples tested, relative to its expression in normal ovarian cells. Table 2D lists markers, expression of which was increased by at least 5-fold in at least 6 of the 23 ovarian 15 cancer samples, relative to expression in normal ovarian samples, and which can serve as antigens for embodiments of the invention based upon proteomic studies, sequence analysis and/or literature references.

Table 3A lists markers, expression of which was decreased by at least 5-fold in at least one of twenty-three ovarian cancer samples tested, relative to its expression in normal (i.e. non-cancerous) ovarian cells. Table 3B lists markers, expression of which was decreased by at least 2-fold in all twenty-three ovarian cancer samples tested, relative to its expression in normal ovarian cells. Table 3C lists markers, expression of which was decreased by at least 5-fold in at least 6 of the 23 ovarian cancer samples tested, relative to its expression in normal (i.e. non-cancerous) ovarian cells.

Tables 4 and 5 list markers, expression of which was either increased (Table 4) or decreased (Table 5) in ovarian cancer samples, relative to expression in normal (i.e., non-cancerous) ovarian samples. In particular, expression of the markers in 37 tumors (7 endometroid tumors, 5 clear cell tumors and 25 serous tumors) was evaluated. A ranking system based on the sum of the number of tumors multiplied by the fold 30 regulation (for 2-fold, 3-fold, 5-fold and 10-fold regulation), divided by the total number of tumors, was employed. A rank score was generated for four categories, endometroid tumors, clear cell tumors, serous tumors and overall.

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The markers of Table 4 had a score of greater than 1.5 for endometroid tumors, greater than 1.5 for clear cell tumors, greater than 1 for serous tumors, or greater than 0.8 overall. Table 4A shows the markers of Table 4 with a score of greater than 3 in any of the four categories.

The markers of Table 5 had a score of greater than 2.5 for endometroid tumors, greater than 2.5 for clear cell tumors, greater than 2 for serous tumors, or greater than 1.75 overall. Table 5A shows the markers of Table 5 with a score of greater than 3 in any of the four categories.

Tables 6 and 6A list markers that were identified in subtractive libraries and which are preferentially expressed in ovarian cancer cells over normal (i.e. non-cancerous ovarian cells).

Table 7A-7E show markers of the present invention obtained through proteomic analysis as described in Section VI., subsection C., above.

Table 8 lists the nucleotide sequences of 24 novel genes identified as described in Section VI., subsection D, above.

Table 9 depicts the results of the TaqMan® expression analysis obtained as described in Section VI., subsection F, above.

Tables 10A-10N contain Northern blot analysis data obtained as described in Section VI., subsection E, above.

Table 10A shows Marker 5 expression in normal human tissue samples. The highest level of expression is seen in placenta, followed by trachea, prostate, mammary gland, and lung, with lower levels in kidney, salivary gland, small intestine, and bladder, and an even lower level of expression in normal ovary tissue.

Table 10B shows that Marker 5 is expressed in several cancer cell lines. The highest level of expression is seen in SK-BR-3, followed by T-47D, BT-483, and ZR-75-30.

Table 10C shows Marker 8 expression in wide range of normal human tissue samples. The highest level of expression was seen in cerebllum, followed by placenta, prostate, and lung. Lower levels of expression were seen in kidney, spleen, testis, whole brain, and trachea, followed by mammary gland, small intestine, and thymus, which were higher than the level of expression in normal ovary tissue.

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Table 10D shows that Marker 8 is expressed in all the cancer cell lines tested, with the highest levels of expression in DU4475, followed by MDA-MB-361line.

Table 10E shows Marker 10 expression was detected in all tissue samples tested. The highest level of expression was seen in trachea, followed by testis and prostate. Lower levels of expression were seen in whole brain, salivary gland, cerebellum, and small intesting. Expression in normal ovary tissue was among the lowest levels observed.

Table 10F shows that Marker 10 expression was detected in all cancer cell lines tested, with the highest levels of expression in MDA-MB-361, followed by MDA-MB-468, and HTB-78.

Table 10G shows a limited distribution of expression of Marker 15 in the panel of normal tissues tested, with significant expression only in placenta, and much lower levels of expression in whole brain, cerebellum, and prostate. No detectable levels of expression were seen in normal ovarian tissue.

Table 10H shows that Marker 15 expression was detected in all cancer cell lines tested, with the highest levels of expression seen in HTB-78, followed by MDA-MB-361, SK-BR-3, Caov-3, and MDA-MB-231.

Table 10I shows that expression of Marker 19 in the panel of normal human tissues tested was much higher in testis than in prostate and whole brain. Lower, but detectable, levels of expression were seen in a number of other tissues, with ovary among the lowest.

Table 10J shows that expression of Marker 19 was seen in 22 of the 26 cancer cell lines tested. The highest levels of expression were seen in BT549 and DU145, followed by NIH-Ovcar-3 and HTB-78. Lower levels of expression were seen in MDA-MB-453, MDA-MB-361, and T-470.

Table 10K shows that high levels of expression of Marker 25 in the panel of normal human tested were seen in placenta, prostate, and trachea, followed by kidney, lung, and small intestine. Lower levels of expression were seen in salivery gland, spleen, thymus, and bladder. Expression in normal ovarian tissue was just above background.

PCT/US00/24199 WO 01/18542

- 108 -

Table 10L shows that expression of Marker 25 was detected in 20 of the 26 cancer cell lines tested. The highest level of expression was seen in T-470, followed by S-BR-3. Lower levels of expression were seen in Caov-3, MDA-MB-468, and HTB-78, followed by MDA-MB-453, MDA-MB-361, BT-483, DU4475, and NIH-Ovcar-3.

Table 10M shows that the highest level of expression of Marker 039 was seen in whole brain, followed by cerebellum, with a lower level in prostate. Even lower levels were seen in a number of tissues, including kidney, liver, spleen, testis, thymus, trachea, and lung. Expression in normal ovarian tissue was among the lowest.

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Table 10N shows that Marker 39 expression was detected in most of the cancer cell lines tested, with the highest level seen in SK-BR-3, followed by MDA-MB-361 and T470. Lower levels of expression were seen in all other cell lines tested, except for MDA-MB-157, Hs578Bst, Hs578T, and ES-2, in which no expression was detected.

Table 11 depicts the results of LightCycler data and RT-PCR data obtained as described in Section VI., subsections G. and H., respectively, above.

Tables 1-1, 2A-1, 2D-1, 3A-1, 4-1, 5-1 and 6-1 depict the accession number ("ACC Num") and database ("DATABASE") of the markers of the present invention with the corresponding GenBank GI number ("GI NBR"). One skilled in the art may thus obtain from the Tables of the invention, both GenBank accession number as well as the GenBank GI number for a marker of the present invention, thereby identifying the nucleotide and/or polypeptide sequence of that marker. For example, the markers of Tables 1 and 1A are referenced in Table 1-1 by both GenBank accession number and GenBank GI number.

Those skilled in the art will readily understand the data set forth in the Tables of the present invention. In particular, the following definitions will be understood to mean:

- 1) "ID #" or "#" is an arbitrary designation assigned to the marker.
- 2) "Image Clone ID" is the identification number assigned to the marker by the IMAGE Consortium (Lennon et al., 1996, Genomics 33:151-152; see, e.g., "http://wwwbio.llnl.gov/bbrp/image/image.html" for further information). All referenced Image Clone sequences are expressly incorporated by reference.
- 3) "GenBank Accession Number" or "Accession No." or "acc" or "Accession #" or "Acc Num" is the identification number assigned to the marker in the relevant database

WO 01/18542 PCT/US00/24199

(see, e.g. "http://www.ncbi.nlm.nih.gov/genbank/ query\_form.html" and "www.derwent.com" for further information). "GenBank Gi "" or "GI NB"" is the GI identification number assigned to the marker in the GenBank database (see *supra*). All referenced database sequences are expressly incorporated herein by reference.

- 109 -

- 5 4) "Secreted?" or "Secreted" indicates whether the protein corresponding to the marker has been demonstrated to be secreted in protein profiling experiments.
  - 5) "Secretion Predicted?" indicates whether the protein corresponding to the marker is predicted, using the SIGNALP computer software described herein, to have at least one portion which is exposed to the extracellular medium upon expression of the protein.
- 10 6) "Ave-Normal-Exp" indicates the average marker expression in the non-cancerous samples.
  - 7) "Max expression" and "Min-expression" indicates the highest (or lowest) marker expression value of all samples.
  - 8) "Max fold up" and "Max fold-up down" indicates the highest fold positive (or negative) induction of regulation of the marker of all samples.
  - 9) "Count-up tumors" and "Count-down tumors" indicate the total number of the twenty-three tumor samples that the marker was up (or down) regulated.
  - 10) "Count-up cell lines" and "Count-down cell lines" indicated the total number of the six cell lines where the marker was up (or down) regulated.
- 20 11) "Chromosome" indicates the chromosome on which the genomic sequence corresponding to the marker is located, where this location is known.
  - 12) "Location" indicates the location on the chromosome at which the genomic sequence corresponding to the marker is located, where this location is known. The genes were mapped using radiation hybrid panel data that can be found in the art, for
- 25 example at "http://www.sanger.ac.uk/HGP/Rhmap/" and at "http://www.ncbi.nlm.nih.gov/genemap99/".
  - 13) "Tissue Prominence" indicates up to three tissues in which expression of the marker is predicted, based on expression in the predicted tissues, of expressed sequence tags located in close proximity to the marker. The marker may also, or instead, be expressed
- 30 in tissues that are not listed in this section (i.e. this list is not exhaustive).

- 110 -

PCT/US00/24199

- 14) "Database" or "dbase" refers to the relevant database where the nucleotide sequence may be found according to its accession number. These public databases include GenBank, dbEST (a division of GenBank), and NUCPATENT (a GENESEQ database, available through Derwent). For examples, see
- 5 <a href="http://www.ncbi.nlm.nih.gov/Entrez/nucleotide.html">http://www.ncbi.nlm.nih.gov/Entrez/nucleotide.html</a> for GenBank and <a href="http://www.derwent.com">www.derwent.com</a> for GENESEQ. All referenced database sequences are expressly incorporated herein by reference.

The contents of all references, patents, published patent applications, and database records including, GenBank, IMAGE consortium and GENESEQ database records, cited throughout this application are hereby incorporated by reference.

#### Other Embodiments

Those skilled in the art will recognize, or be able to ascertain using no more than routine experimentation, many equivalents to the specific embodiments of the invention described herein. Such equivalents are intended to be encompassed by the following claims.

What is claimed is:

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#### Claims

- 1. A method of assessing whether a patient is afflicted with ovarian cancer, the method comprising comparing:
- a) the level of expression of a marker in a patient sample, wherein the marker is selected from the group consisting of the markers listed in Tables 1-11, and
- b) the normal level of expression of the marker in a control non-ovarian cancer sample,

wherein a significant difference between the level of expression of the marker in
the patient sample and the normal level is an indication that the patient is afflicted with
ovarian cancer.

2. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Table 2C.

3. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Table 2D.

- 4. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Table 3C.
  - 5. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Table 4A.
- 25 6. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Table 5A.
  - 7. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Tables 6 and 6A.
  - 8. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Table 8.

PCT/US00/24199

- 9. The method of claim 1, wherein the marker is selected from the group consisting of the markers listed in Tables 7A-7E.
- 10. The method of claim 1, wherein the marker corresponds to a secreted5 protein.
  - 11. The method of claim 10, wherein the marker is selected from the group consisting of the markers listed in Tables 7A-7E.
- 10 12. The method of claim 1, wherein the marker corresponds to a transcribed polynucleotide or portion thereof, wherein the polynucleotide comprises the marker.
  - 13. The method of claim 1, wherein at least one tissue corresponding to the marker in the Tables is an epithelial tissue.

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- 14. The method of claim 13, wherein at least one tissue corresponding to the marker in the Tables is an ovarian tissue.
- 15. The method of claim 1, wherein the marker is over- or under-expressed by atleast two-fold in at least about 20% of ovarian cancer patients.
  - 16. The method of claim 1, wherein the marker is not significantly expressed in non-ovarian tissues.
- 25 17. The method of claim 1, wherein the patient sample is an ovary-associated body fluid.
- 18. The method of claim 13, wherein the ovary-associated body fluid is selected from the group consisting of blood fluid, lymph, ascitic fluid, gynecological fluid, cystic
  30 fluid, urine, and a fluid collected by peritoneal rinsing.

WO 01/18542 PCT/US00/24199

- 19. The method of claim 1, wherein the sample comprises cells obtained from the patient.
- 20. The method of claim 19, wherein the cells are in a fluid selected from the group consisting of a fluid collected by peritoneal rinsing, a fluid collected by uterine rinsing, a uterine fluid, a uterine exudate, a pleural fluid, a cystic fluid, and an ovarian exudate.
- 21. The method of claim 1, wherein the level of expression of the marker in the sample is assessed by detecting the presence in the sample of a protein corresponding to the marker.
  - 22. The method of claim 21, wherein the marker is selected from the group consisting of the markers listed in Tables 7A-7E and 8.

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- 23. The method of claim 21, wherein the presence of the protein is detected using a reagent which specifically binds with the protein.
- 24. The method of claim 23, wherein the reagent is selected from the groupconsisting of an antibody, an antibody derivative, and an antibody fragment.
  - 25. The method of claim 1, wherein the level of expression of the marker in the sample is assessed by detecting the presence in the sample of a transcribed polynucleotide or portion thereof, wherein the transcribed polynucleotide comprises the marker.
  - 26. The method of claim 25, wherein the transcribed polynucleotide is an mRNA.
- 30 27. The method of claim 25, wherein the transcribed polynucleotide is a cDNA.

WO 01/18542 PCT/US00/24199

- 114 -

- 28. The method of claim 25, wherein the step of detecting further comprises amplifying the transcribed polynucleotide.
- 29. The method of claim 1, wherein the level of expression of the marker in the sample is assessed by detecting the presence in the sample of a transcribed polynucleotide which anneals with the marker or anneals with a portion of a polynucleotide wherein the polynucleotide comprises the marker, under stringent hybridization conditions.
- 30. The method of claim 1, wherein the level of expression of the marker in the sample differs from the normal level of expression of the marker in a patient not afflicted with ovarian cancer by a factor of at least about 2.
- 31. The method of claim 1, wherein the level of expression of the marker in the sample differs from the normal level of expression of the marker in a patient not afflicted with ovarian cancer by a factor of at least about 5.
  - 32. The method of claim 1, comprising comparing:
- a) the level of expression in the sample of each of a plurality of markers
   independently selected from the markers listed in Tables 1-11, and
  - b) the normal level of expression of each of the plurality of markers in samples of the same type obtained from control humans not afflicted with ovarian cancer,

wherein the level of expression of more than one of the markers is significantly altered, relative to the corresponding normal levels of expression of the markers, is an indication that the patient is afflicted with ovarian cancer.

- 33. The method of claim 32, wherein the plurality comprises at least three of the markers.
- 30 34. The method of claim 32, wherein the plurality comprises at least five of the markers.

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- 35. A method of assessing whether a patient is afflicted with ovarian cancer, the method comprising comparing:
- a) the level of expression of a marker in a sample obtained from the patient, wherein the marker is selected from the group consisting of the markers listed in Tables 1-11 and
- b) the normal level of expression of the marker in samples of the same type obtained from control humans not afflicted with ovarian cancer,

wherein a significantly different level of expression of the marker in the sample, relative to the normal level, is an indication that the patient is afflicted with ovarian cancer.

- 36. A method for monitoring the progression of ovarian cancer in a patient, the method comprising:
- a) detecting in a patient sample at a first point in time, the expression of a
   marker, wherein the marker is selected from the group consisting of the markers listed in Tables 1-11;
  - b) repeating step a) at a subsequent point in time; and
  - c) comparing the level of expression detected in steps a) and b), and therefrom monitoring the progression of ovarian cancer in the patient.

37. The method of claim 36, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8.

- 38. The method of claim 36, wherein the marker is selected from the group consisting of the markers listed in Tables 3A, 5, 7C and 7E.
  - 39. The method of claim 36, wherein the marker corresponds to a secreted protein.
- 30 40. The method of claim 36, wherein marker corresponds to a transcribed polynucleotide or portion thereof, wherein the polynucleotide comprises the marker.

- 41. The method of claim 36, wherein the patient sample is an ovary-associated body fluid.
- 42. The method of claim 36, wherein the sample comprises cells obtained from5 the patient.
  - 43. The method of claim 36, wherein between the first point in time and the subsequent point in time, the patient has undergone surgery to remove a tumor.
- 10 44. A method of assessing the efficacy of a test compound for inhibiting an ovarian cancer in a patient, the method comprising comparing:

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- a) expression of a marker in a first sample obtained from the patient and maintained in the presence of the test compound, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, and
- b) expression of the marker in a second sample obtained from the patient and maintained in the absence of the test compound,

wherein a significantly lower level of expression of the marker in the firstsample, relative to the second sample, is an indication that the test compound is efficacious for inhibiting ovarian cancer in the patient.

- 45. The method of claim 44, wherein the first and second samples are portions of a single sample obtained from the patient.
- 25 46. The method of claim 44, wherein the first and second samples are portions of pooled samples obtained from the patient.

47. A method of assessing the efficacy of a test compound for inhibiting ovarian cancer in a patient, the method comprising comparing:

- 117 -

a) expression of a marker in a first sample obtained from the patient and maintained in the presence of the test compound, wherein the marker is selected from the group consisting of the markers listed in Tables 3A, 5, 7C and 7E, and

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b) expression of the marker in a second sample obtained from the patient and maintained in the absence of the test compound,

wherein a significantly enhanced level of expression of the marker in the first sample, relative to the second sample, is an indication that the test compound is efficacious for inhibiting ovarian cancer in the patient.

- 48. A method of assessing the efficacy of a therapy for inhibiting ovarian cancer in a patient, the method comprising comparing:
- a) expression of a marker in the first sample obtained from the patient prior to providing at least a portion of the therapy to the patient, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, and
  - b) expression of the marker in a second sample obtained from the patient following provision of the portion of the therapy,
  - wherein a significantly lower level of expression of the marker in the second sample, relative to the first sample, is an indication that the therapy is efficacious for inhibiting ovarian cancer in the patient.
- 49. A method of assessing the efficacy of a therapy for inhibiting ovarian cancer 25 in a patient, the method comprising comparing:
  - a) expression of a marker in the first sample obtained from the patient prior to providing at least a portion of the therapy to the patient, wherein the marker is selected from the group consisting of the markers listed in Tables 3A, 5, 7C and 7E, and

WO 01/18542 PCT/US00/24199

- 118 -

b) expression of the marker in a second sample obtained from the patient following provision of the portion of the therapy,

wherein a significantly enhanced level of expression of the marker in the second sample, relative to the first sample, is an indication that the therapy is efficacious for inhibiting ovarian cancer in the patient.

- 50. A method of selecting a composition for inhibiting ovarian cancer in a patient, the method comprising:
  - a) obtaining a sample comprising cancer cells from the patient;
- b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;
  - c) comparing expression of a marker in each of the aliquots, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8; and
- d) selecting one of the test compositions which induces a lower level of expression of the marker in the aliquot containing that test composition, relative to other test compositions.
- 51. A method of selecting a composition for inhibiting ovarian cancer in a 20 patient, the method comprising:
  - a) obtaining a sample comprising cancer cells from the patient;
  - b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;
- c) comparing expression of a marker in each of the aliquots, wherein the marker
   is selected from the group consisting of the markers listed in Tables 3A, 5, 7C and 7E;
   and
  - d) selecting one of the test compositions which induces an enhanced level of expression of the marker in the aliquot containing that test composition, relative to other test compositions.

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- 52. A method of inhibiting ovarian cancer in a patient, the method comprising:
- a) obtaining a sample comprising cancer cells from the patient;
- b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;
- c) comparing expression of a marker in each of the aliquots, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, and
- d) administering to the patient at least one of the test compositions which induces a lower level of expression of the marker in the aliquot containing that test composition,
   relative to other test compositions.
  - 53. A method of selecting a composition for inhibiting ovarian cancer in a patient, the method comprising:
    - a) obtaining a sample comprising cancer cells from the patient;
- b) separately maintaining aliquots of the sample in the presence of a plurality of test compositions;
  - c) comparing expression of a marker in each of the aliquots, wherein the marker is selected from the group consisting of the markers listed in Tables 3A, 5, 7C and 7E, and
- 20 d) administering to the patient at least one of the test compositions which induces an enhanced level of expression of the marker in the aliquot containing that test composition, relative to other test compositions.
- 54. A kit for assessing the suitability of each of a plurality of compounds for inhibiting ovarian cancer in a patient, the kit comprising:
  - a) the plurality of compounds; and
  - b) a reagent for assessing expression of a marker selected from the group consisting of the markers listed in Tables 1-11.
- 30 55. A kit for assessing whether a patient is afflicted with ovarian cancer, the kit comprising reagents for assessing expression of a marker selected from the group consisting of the markers listed in Tables 1-11.

- 120 -

- 56. A method of making an isolated hybridoma which produces an antibody useful for assessing whether a patient is afflicted with ovarian cancer, the method comprising:
- isolating a protein corresponding to a marker selected from the group consisting 5 of the markers listed in Tables 1-11;

immunizing a mammal using the isolated protein;

isolating splenocytes from the immunized mammal;

fusing the isolated splenocytes with an immortalized cell line to form

10 hybridomas; and

> screening individual hybridomas for production of an antibody which specifically binds with the protein to isolate the hybridoma.

- 57. The method of claim 56, wherein the marker is selected from the group 15 consisting of the members listed in Tables 7A-7E and 8.
  - 58. An antibody produced by a hybridoma made by the method of claim 56.
- 59. A kit for assessing the presence of human ovarian cancer cells, the kit comprising an antibody, wherein the antibody specifically binds with a protein 20 corresponding to a marker selected from the group consisting of the markers listed in Tables 1-11.
- 60. A kit for assessing the presence of ovarian cancer cells, the kit comprising a nucleic acid probe wherein the probe specifically binds with a transcribed polynucleotide corresponding to a marker selected from the group consisting of the markers listed in Tables 1-11.

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- 61. A method of assessing the ovarian cell carcinogenic potential of a test compound, the method comprising:
- a) maintaining separate aliquots of ovarian cells in the presence and absence of the test compound; and
- b) comparing expression of a marker in each of the aliquots, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, and

wherein a significantly enhanced level of expression of the marker in the aliquot maintained in the presence of the test compound, relative to the aliquot maintained in the absence of the test compound, is an indication that the test compound possesses human ovarian cell carcinogenic potential.

- 62. A method of assessing the ovarian cell carcinogenic potential of a test compound, the method comprising:
- a) maintaining separate aliquots of ovarian cells in the presence and absence of the test compound; and
  - b) comparing expression of a marker in each of the aliquots, wherein the marker is selected from the group consisting of the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8, and
  - wherein a significantly lower level of expression of the marker in the aliquot maintained in the presence of the test compound, relative to the aliquot maintained in the absence of the test compound, is an indication that the test compound possesses ovarian cell carcinogenic potential.
- 25 63. A kit for assessing the ovarian cell carcinogenic potential of a test compound, the kit comprising ovarian cells and a reagent for assessing expression of a marker, wherein the marker is selected from the group consisting of the markers listed in Tables 1-11.
- 30 64. A method of treating a patient afflicted with ovarian cancer, the method comprising providing to cells of the cancer a protein corresponding to a marker selected from the markers listed in Tables 3A, 5, 7C and 7E.

WO 01/18542 PCT/US00/24199

- 122 -

- 65. The method of claim 62, wherein the protein is provided to the cells by providing a vector comprising a polynucleotide encoding the protein to the cells.
- 66. A method of treating a patient afflicted with ovarian cancer, the method comprising providing to cells of the patient an antisense oligonucleotide complementary to a polynucleotide corresponding to a marker selected from the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8.
- 67. A method of inhibiting ovarian cancer in a patient at risk for developing ovarian cancer, the method comprising inhibiting expression of a gene corresponding to a marker selected from the markers listed in Tables 1, 1A, 2A, 4, 6, 6A, 7A, 7B, 7D and 8.
- 68. A method of inhibiting ovarian cancer in a patient at risk for developing ovarian cancer, the method comprising enhancing expression of a gene corresponding to a marker selected from the markers listed in Tables 3A, 5, 7C and 7E.
  - 69. An isolated nucleic acid molecule selected from the group consisting of:
- a) a nucleic acid molecule comprising a nucleotide sequence which is at
   20 least 90% homologous to a nucleotide sequence of Table 8, or a complement thereof;
  - b) a nucleic acid molecule comprising a fragment of a nucleic acid molecule comprising the nucleotide sequence of Table 8, or a complement thereof; and
  - c) a nucleic acid molecule comprising the nucleotide sequence of Table 8, or a complement thereof.
    - 70. A vector which contains a nucleic acid molecule of claim 69.

25

71. A host cell which contains a nucleic acid molecule of claim 69.

- 72. An isolated polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 90% homologous to a nucleic acid comprising the nucleotide sequence of Table 8.
- 5 73. An antibody which selectively binds to a polypeptide of claim 72.

1

_		C 50	AA111907
Patent Sequence	Accession	Sequince 50	
Number	Number	Sequence 51	AA112043
Sequence 1	AA001066	Sequence 52	AA112308
Sequence 2	AA007157	Sequence 53	AA112375
Sequence 3	AA010954	Sequence 54	AA113860
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	AA019948	Sequence 57	AA115368
Sequence 6	AA022925	Sequence 58	AA122286
Sequence 7	AA022923 AA022937	Sequence 59	AA122348
Sequence 8	AA024405	Sequence 60	AA126109
Sequence 9	AA024403 AA029750	Sequence 61	AA127105
Sequence 10		Sequence 62	AA127132
Sequence 11	AA031509	Sequence 63	AA127418
Sequence 12	AA033876	Sequence 64	AA128305
Sequence 13	AA034237	Sequence 65	AA129461
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Sequence 26	AA056176	Sequence 78	AA133927
Sequence 27	AA056363	Sequence 79	AA134105
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Sequence 29	AA065336	Sequence 81	AA135032
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Sequence 49	AA101561	Sequence 101	AA157788
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PCT/US00/24199 WO 01/18542 2

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Sequence 145	AA287112	Sequence 197	AA367446
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Sequence 149	AA292771	Sequence 201	AA383917
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Sequence 153	AA295485	Sequence 205	AA393236

Page 2 of 29 pages of Table 1

### Table 1

3

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Page 3 of 29 pages of Table 1

PCT/US00/24199 WO 01/18542

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Page 4 of 29 pages of Table 1

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Sequence 440	Al250167	Sequence 492	AI636014
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Page 5 of 29 pages of Table 1

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Page 6 of 29 pages of Table 1

WO 01/18542 PCT/US0

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Page 7 of 29 pages of Table 1

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Page 8 of 29 pages of Table 1

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Sequence 837	AA224244	Sequence 889	AA455007
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Sequence 839	AA229018	Sequence 891	AA459527
Sequence 840	AA229161	Sequence 892	AA460226
Sequence 841	AA236445	Sequence 893	AA461287
Sequence 842	AA236680	Sequence 894	AA464526
Sequence 843	AA243537	Sequence 895	AA468398
Sequence 844	AA252436	Sequence 896	AA469135
Sequence 845	AA252869	Sequence 897	AA469453
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Page 9 of 29 pages of Table 1

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Page 10 of 29 pages of Table 1

PCT/US00/24199 WO 01/18542 11

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Page 11 of 29 pages of Table 1

WO 01/18542 PCT/US00/24199

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Page 12 of 29 pages of Table 1

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Page 13 of 29 pages of Table 1

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Page 14 of 29 pages of Table 1

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	Sequence 1532	AA233843
	Sequence 1533	AA234092
	Sequence 1534	AA234307
	Sequence 1535	AA236776
	Sequence 1536	AA242985
	Sequence 1537	AA243338
		AA244342
AA167041	Sequence 1539	AA249154
AA167750	Sequence 1540	AA255502
	Sequence 1541	AA256591
	Sequence 1542	AA261990
AA174097	Sequence 1543	AA262939
AA179187	Sequence 1544	AA278445
AA180137	Sequence 1545	AA278482
	Sequence 1546	AA278642
AA180383	Sequence 1547	AA278956
AA181075	Sequence 1548	AA279048
AA181258	Sequence 1549	AA280099
AA181684	Sequence 1550	AA280221
	Sequence 1551	AA280828
	Sequence 1552	AA282915
	Sequence 1553	AA284334
	Sequence 1554	AA284555
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		AA284671
		AA284870
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Page 15 of 29 pages of Table 1

PCT/US00/24199 WO 01/18542 16

Sequence 1558	AA284906	Sequence 1610	AA314872
Sequence 1559	AA285290	Sequence 1611	AA315363
Sequence 1560	AA286699	Sequence 1612	AA315379
Sequence 1561	AA286872	Sequence 1613	AA317243
Sequence 1562	AA287219	Sequence 1614	AA317393
Sequence 1563	AA287642	Sequence 1615	AA318969
Sequence 1564	AA287815	Sequence 1616	AA327201
Sequence 1565	AA291438	Sequence 1617	AA331991
Sequence 1566	AA291485	Sequence 1618	AA332672
Sequence 1567	AA291971	Sequence 1619	AA333358
Sequence 1568	AA292334	Sequence 1620	AA335273
Sequence 1569	AA293127	Sequence 1621	AA336666
Sequence 1570	AA293133	Sequence 1622	AA337192
Sequence 1571	AA293273	Sequence 1623	AA337489
Sequence 1572	AA293286	Sequence 1624	AA338793
Sequence 1573	AA293353	Sequence 1625	AA339957
Sequence 1574	AA293572	Sequence 1626	AA340341
Sequence 1575	AA293629	Sequence 1627	AA341446
Sequence 1576	AA293759	Sequence 1628	AA341465
Sequence 1577	AA293804	Sequence 1629	AA342969
Sequence 1578	AA296780	Sequence 1630	AA343629
Sequence 1579	AA297402	Sequence 1631	AA344084
Sequence 1580	AA298505	Sequence 1632	AA345329
Sequence 1581	AA299640	Sequence 1633	AA346393
Sequence 1582	AA301062	Sequence 1634	AA346698
Sequence 1583	AA301800	Sequence 1635	AA347887
Sequence 1584	AA303461	Sequence 1636	AA350059
Sequence 1585	AA303568	Sequence 1637	AA351507
Sequence 1586	AA306718	Sequence 1638	AA355003
Sequence 1587	AA306862	Sequence 1639	AA356682
Sequence 1588	AA306876	Sequence 1640	AA357574
Sequence 1589	AA307198	Sequence 1641	AA358887
Sequence 1590	AA307325	Sequence 1642	AA359705
Sequence 1591	AA308065	Sequence 1643	AA364352
Sequence 1592	AA308274	Sequence 1644	AA367451
Sequence 1593	AA308744	Sequence 1645	AA367773
Sequence 1594	AA310739	Sequence 1646	AA368542
Sequence 1595	AA310771	Sequence 1647	AA369400
Sequence 1596	AA311228	Sequence 1648	AA373230
Sequence 1597	AA311460	Sequence 1649	AA374754
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Sequence 1599	AA311801	Sequence 1651	AA375815
Sequence 1600	AA311848	Sequence 1652	AA393525
Sequence 1601	AA311905	Sequence 1653	AA394115
Sequence 1602	AA312218	Sequence 1654	AA398443
Sequence 1603	AA312240	Sequence 1655	AA398585
Sequence 1604	AA312435	Sequence 1656	AA398739
Sequence 1605	AA313108	Sequence 1657	AA399165
Sequence 1606	AA313223	Sequence 1658	AA399628
Sequence 1607	AA313653	Sequence 1659	AA401329
Sequence 1608	AA313994	Sequence 1660	AA401334
Sequence 1609	AA314431	Sequence 1661	AA402191

Page 16 of 29 pages of Table 1

AA402289	Sequence 1714	AA476522
AA402775	Sequence 1715	AA477018
AA403319	Sequence 1716	AA477567
AA404613	Sequence 1717	AA477973
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		AA481710
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	Sequence 1725	AA482432
	Sequence 1726	AA482779
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	·	AA488141
	•	AA488385
		AA488517
		AA489323
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	•	AA491204
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	•	AA501657
	•	AA502136
	•	AA505780
		AA512933
	•	AA514395
	•	AA514974
		AA515143
	Sequence 1751	AA516376
	Sequence 1752	AA521006
	Sequence 1753	AA523522
AA456557	Sequence 1754	AA524748
AA457255	Sequence 1755	AA524950
AA457579	Sequence 1756	AA525141
	Sequence 1757	AA526028
	Sequence 1758	AA527275
	Sequence 1759	AA527557
		AA533506
	Sequence 1761	AA534349
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	•	AA534608
	· · · · · · · · · · · · · · · · · · ·	AA535496
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Page 17 of 29 pages of Table 1

Sequence 1766	AA548056	Sequence 1818	AA628536
Sequence 1767	AA548600	Sequence 1819	AA628547
Sequence 1768	AA550854	Sequence 1820	AA630611
Sequence 1769	AA550855	Sequence 1821	AA631326
Sequence 1770	AA551351	Sequence 1822	AA633909
Sequence 1771	AA551391	Sequence 1823	AA634260
Sequence 1772	AA554437	Sequence 1824	AA634298
Sequence 1773	AA554735	Sequence 1825	AA640505
Sequence 1774	AA555102	Sequence 1826	AA641289
Sequence 1775	AA564272	Sequence 1827	AA644625
Sequence 1776	AA564870	Sequence 1828	AA648944
Sequence 1777	AA565420	Sequence 1829	AA651720
Sequence 1778	AA568936	Sequence 1830	AA652478
Sequence 1779	AA569816	Sequence 1831	AA652505
Sequence 1780	AA569851	Sequence 1832	AA653775
Sequence 1781	AA569916	Sequence 1833	AA658374
Sequence 1782	AA573761	Sequence 1834	AA663005
Sequence 1783	AA573787	Sequence 1835	AA669154
Sequence 1784	· AA577537	Sequence 1836	AA677560
Sequence 1785	AA578881	Sequence 1837	AA677750
Sequence 1786	AA579591	Sequence 1838	AA678185
Sequence 1787	AA579890	Sequence 1839	AA678251
Sequence 1788	AA580835	Sequence 1840	AA687495
Sequence 1789	AA582093	Sequence 1841	AA703208
Sequence 1790	AA582866	Sequence 1842	AA703667
Sequence 1791	AA583055	Sequence 1843	AA703907
Sequence 1792	AA583498	Sequence 1844	AA704208
Sequence 1793	AA583567	Sequence 1845	AA706347
Sequence 1794	AA583773	Sequence 1846	AA714010
Sequence 1795	AA584921	Sequence 1847	AA715984
Sequence 1796	AA586755	Sequence 1848	AA716651
Sequence 1797	AA587140	Sequence 1849	AA719530
Sequence 1798	AA587315	Sequence 1850	AA721642
Sequence 1799	AA587873	Sequence 1851	AA729381
Sequence 1800	AA593983	Sequence 1852	AA731946
Sequence 1801	AA594366	Sequence 1853	AA736817
Sequence 1802	AA595624	Sequence 1854	AA742713
S quence 1803	AA595771	Sequence 1855	AA743278
Sequence 1804	AA599454	Sequence 1856	AA744681
Sequence 1805	AA600227	Sequence 1857	AA745953
Sequence 1806	AA600771	Sequence 1858	AA759195
Sequence 1807	AA601172	Sequence 1859	AA767779
Sequence 1808	AA602395	Sequence 1860	AA769697
Sequence 1809	AA602871	Sequence 1861	AA773998
Sequence 1810	AA603125	Sequence 1862	AA775058
Sequence 1811	AA603177	Sequence 1863	AA776593
Sequence 1812	AA604324	Sequence 1864	AA777384
Sequence 1813	AA604853	Sequence 1865	AA778672
S quence 1814	AA610279	Sequence 1866	AA779949
Sequence 1815	AA610476	Sequence 1867	AA781487
Sequence 1816	AA610734	Sequence 1868	AA788907
Sequence 1817	AA614482	Sequence 1869	AA806278

Page 18 of 29 pages of Table I

- 4070		Sequence 1922	AB007867
Sequence 1870	AA806735	Sequence 1923	AB007900
Sequence 1871	AA808769	Sequence 1924	AB007916
S quence 1872	AA810149	Sequence 1925	AB007923
Sequence 1873	AA811609	Sequence 1926	AB007957
Sequence 1874	AA813604	Sequence 1927	AB011103
Sequence 1875	AA826307		AB011143
Sequence 1876	AA833766	Sequence 1928	AB011151
Sequence 1877	AA833900	Sequence 1929	AB011166
Sequence 1878	AA837457	Sequence 1930	AB014533
Sequence 1879	AA843531	Sequence 1931	
Sequence 1880	AA845737	Sequence 1932	AB014542
Sequence 1881	AA846698	Sequence 1933	AB014560
Sequence 1882	AA846856	Sequence 1934	AB015630
Sequence 1883	AA852896	Sequence 1935	AB015856
Sequence 1884	AA856902	Sequence 1936	AB018281
Sequence 1885	AA857824	Sequence 1937	AB018284
Sequence 1886	AA857882	Sequence 1938	AB018285
Sequence 1887	AA861665	Sequence 1939	AB018289
Sequence 1888	AA865960	Sequence 1940	AB018305
Sequence 1889	AA868529	Sequence 1941	AB018327
Sequence 1890	AA873271	Sequence 1942	AB018331
Sequence 1891	AA877189	Sequence 1943	AB018337
Sequence 1892	AA884922	Sequence 1944	AB019409
Sequence 1893	AA886453	Sequence 1945	AB019563
Sequence 1894	AA906652	Sequence 1946	AB019568
Sequence 1895	AA906865	Sequence 1947	AB019691
Sequence 1896	AA918993	Sequence 1948	AB020682
Sequence 1897	AA926926	Sequence 1949	AB020718
Sequence 1898	AA928934	Sequence 1950	AB021288
Sequence 1899	AA932501	Sequence 1951	AB023154
Sequence 1900	AA933987	Sequence 1952	AB023219
Sequence 1901	AA935947	Sequence 1953	AB024704
Sequence 1902	AA937302	Sequence 1954	AB027467
Sequence 1903	AA937773	Sequence 1955	AB028069
Sequence 1904	AA947835	Sequence 1956	AB028624
Sequence 1905	AA954939	Sequence 1957	AB028969
Sequence 1906	AA962587	Sequence 1958	AB028986
Sequence 1907	AA962632	Sequence 1959	AB029000
Sequence 1908	AA972525	Sequence 1960	AB029004
Sequence 1909	AA976489	Sequence 1961	AB029028
Sequence 1910	AA983380	Sequence 1962	AC03044
Sequence 1911	AA984586	Sequence 1963	AC31479
Sequence 1912	AA992596	Sequence 1964	AF000670
Sequence 1913	AB002305	Sequence 1965	AF000974
Sequence 1914	AB002330	Sequence 1966	AF001893
Sequence 1915	AB002357	Sequence 1967	AF004562
Sequence 1916	AB002806	Sequence 1968	AF006043
Sequence 1917	AB003476	Sequence 1969	AF007135
Sequence 1918	AB004066	Sequence 1970	AF007151
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Sequence 1920	AB006534	Sequence 1972	AF009615
Sequence 1921	AB006755	Sequence 1973	AF013759
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Page 19 of 29 pages of Table 1

Sequence 1974	AF013988	Sequence 2026	AF062318
Sequence 1975	AF015283	Sequence 2027	AF063611
Sequence 1976	AF015767	Sequence 2028	AF064019
Sequence 1977	AF016507	Sequence 2029	AF068235
Sequence 1978	AF016582	Sequence 2030	AF068846
Sequence 1979	AF017790	Sequence 2031	AF070523
Sequence 1980	AF019767	Sequence 2032	AF070537
Sequence 1981	AF021351	Sequence 2033	AF070555
Sequence 1982	AF021819	Sequence 2034	AF070561
Sequence 1983	AF022229	Sequence 2035	AF070596
Sequence 1984	AF023266	Sequence 2036	AF070600
Sequence 1985	AF025439	Sequence 2037	AF070626
Sequence 1986	AF026166	Sequence 2038	AF070649
Sequence 1987	AF026939	Sequence 2039	AF070662
Sequence 1988	AF027205	Sequence 2040	AF070672
Sequence 1989	AF031385	Sequence 2041	AF071202
Sequence 1990	AF034607	Sequence 2042	AF071219
Sequence 1991	AF035286	Sequence 2043	AF071593
Sequence 1992	AF035309	Sequence 2044	AF073298
Sequence 1993	AF035313	Sequence 2045	AF075587
Sequence 1994	AF037204	Sequence 2046	AF077030
Sequence 1995	AF038661	Sequence 2047	AF077045
Sequence 1996	AF039019	Sequence 2048	AF077200
Sequence 1997	AF039291	Sequence 2049	AF077202
Sequence 1998	AF039843	Sequence 2050	AF077207
Sequence 1999	AF040990	Sequence 2051	AF081192
Sequence 2000	AF041483	Sequence 2052	AF081484
Sequence 2001	AF042385	Sequence 2053	AF083190
Sequence 2002	AF042729	Sequence 2054	AF085355
Sequence 2003	AF044588	Sequence 2055	AF086003
Sequence 2004	AF045184	Sequence 2056	AF086116
Sequence 2005	AF047438	Sequence 2057	AF086178
Sequence 2006	AF047472	Sequence 2058	AF086205
Sequence 2007	AF048977	Sequence 2059	AF086207
Sequence 2008	AF050171	Sequence 2060	AF086336
Sequence 2009	AF050199	Sequence 2061	AF086517
Sequence 2010	AF050639	Sequence 2062	AF087135
Sequence 2011	AF052124	Sequence 2063	AF087990
Sequence 2012	AF052135	Sequence 2064	AF088036
Sequence 2013	AF052149	Sequence 2065	AF091076
Sequence 2014	AF052164	Sequence 2066	AF092563
Sequence 2015	AF052169	Sequence 2067	AF095287
Sequence 2016	AF052180	Sequence 2068	AF095791
Sequence 2017	AF052514	Sequence 2069	AF097709
Sequence 2018	AF054183	Sequence 2070	AF100741
Sequence 2019	AF054187	Sequence 2071	AF100756
Sequence 2020	AF054840	Sequence 2072	AF100928
Sequence 2021	AF055012	Sequence 2073	AF104222
Sequence 2022	AF055033	Sequence 2074	AF104913
Sequence 2023	AF057299	Sequence 2075	AF104923
Sequence 2024	AF059252	Sequence 2076	AF107405
Sequence 2025	AF061258	Sequence 2077	AF120334
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Sequence 2078	AF124438	Sequence 2130	AI090524
Sequence 2079	AF124439	Sequence 2131	A1090623
Sequence 2080	AF125525	Sequence 2132	Al091425
Sequence 2081	AF131799	Sequence 2133	AI092971
Sequence 2082	AF131814	Sequence 2134	AI095477
Sequence 2083	AF139461	Sequence 2135	Al123229
Sequence 2084	AF139658	Sequence 2136	AI125642
Sequence 2085	AF144755	Sequence 2137	AI125874
Sequence 2086	AF147331	Sequence 2138	Al127013
Sequence 2087	AF150962	Sequence 2139	AI127556
Sequence 2088	AF151832	Sequence 2140	Al140291
Sequence 2089	AF151868	Sequence 2141	Al141130
Sequence 2090	AF151898	Sequence 2142	Al141847
Sequence 2091	AF151907	Sequence 2143	Al143899
Sequence 2092	AF152097	Sequence 2144	AI144100
Sequence 2093	AF159295	Sequence 2145	Al148251
Sequence 2094	AF176702	Sequence 2146	Al149429
Sequence 2095	AF190744	Sequence 2147	Al149592
Sequence 2096	A1004664	Sequence 2148	AI186028
Sequence 2097	AI004915	Sequence 2149	AI186042
Sequence 2098	AI016073	Sequence 2150	Al190341
Sequence 2099	AI016323	Sequence 2151	Al192367
Sequence 2100	AI016791	Sequence 2152	AI192629
Sequence 2101	AI018451	Sequence 2153	AI198930
Sequence 2102	AI018625	Sequence 2154	Al216969
Sequence 2103	AI022779	Sequence 2155	Al217003
Sequence 2104	AI023799	Sequence 2156	Al223292
Sequence 2105	AI026164	Sequence 2157	A1241706
Sequence 2106	AI027516	Sequence 2158	Al251743
Sequence 2107	AI031636	Sequence 2159	Al252466
Sequence 2108	A1033037	Sequence 2160	Al253330
Sequence 2109	Al034115	Sequence 2161	AI253335
Sequence 2110	Al037859	Sequence 2162	AI253338
Sequence 2111	AI041670	Sequence 2163	Al253375
Sequence 2112	AI042034	Sequence 2164	AI253379
Sequence 2113	AI042290	Sequence 2165	Al253436
Sequence 2114	AI051971	Sequence 2166	Al262380
Sequence 2115	AI056917	Sequence 2167	Al263674
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Sequence 2117	A1066419	Sequence 2169	Al267185
Sequence 2118	AI078041	Sequence 2170	Al267209
Sequence 2119	Al081116	Sequence 2171	Al267289
Sequence 2120	Al081472	Sequence 2172	Al267307
Sequence 2121	AI081913	Sequence 2173	Al267321
Sequence 2122	A1082244	Sequence 2174	AI267454
Sequence 2123	AI082648	Sequence 2175	Al267502
Sequence 2124	AI084731	Sequence 2176	Al268293
Sequence 2125	AI085381	Sequence 2177	Al269060
Sequence 2126	AI087291	Sequence 2178	AI269369
Sequence 2127	AI087819	Sequence 2179	Al270183
Sequence 2128	AI088178	Sequence 2180	A1270472
Sequence 2129	AI089981	S quence 2181	Al271786
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Page 21 of 29 pages of Table 1

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Sequence 2184	AI276341	Sequence 2236	Al608591
Sequence 2185	AI276839	Sequence 2237	A1608787
Sequence 2186	AI278611	Sequence 2238	A1608968
Sequence 2187	Al280022	Sequence 2239	AI609193
Sequence 2188	Al283548	Sequence 2240	AI609281
Sequence 2189	A1288965	Sequence 2241	Al623804
Sequence 2190	AI290565	Sequence 2242	Al628689
Sequence 2191	Al291683	Sequence 2243	A1636635
Sequence 2192	AI292286	Sequence 2244	A1650837
Sequence 2193	Al298472	Sequence 2245	Al654096
Sequence 2194	AI298941	Sequence 2246	AI660245
Sequence 2195	A1304857	Sequence 2247	A1669253
Sequence 2196	Al308959	Sequence 2248	Al670084
Sequence 2197	AI312552	Sequence 2249	Al674313
Sequence 2198	A1333055	Sequence 2250	AI678152
Sequence 2199	Al333116	Sequence 2251	A1678703
Sequence 2200	Al335249	Sequence 2252	Al679044
Sequence 2201	AI336326	Sequence 2253	Al679321
Sequence 2202	Al345325	Sequence 2254	Al683140
Sequence 2203	Al366549	Sequence 2255	AI683338
Sequence 2204	AI367850	Sequence 2256	Al683793
Sequence 2205	AI375624	Sequence 2257	A1688798
Sequence 2206	Al376561	Sequence 2258	A1692866
Sequence 2207	Al399636	Sequence 2259	A1694087
Sequence 2208	Al417384	Sequence 2260	AI696819
Sequence 2209	Al421720	Sequence 2261	AI697501
Sequence 2210	A1424841	Sequence 2262	A1734922
Sequence 2211	Al431507	Sequence 2263	AI735069
Sequence 2212	AI433180	Sequence 2264	AI739337
Sequence 2213	AI434084	Sequence 2265	AI739377
Sequence 2214	AI434401	Sequence 2266	A1743595
Sequence 2215	AI436016	Sequence 2267	AI743691
Sequence 2216	Al436448	Sequence 2268	AI750198
Sequence 2217	Al446503	Sequence 2269	A1750909
Sequence 2218	AI453199	Sequence 2270	AI751119
Sequence 2219	AI459028	Sequence 2271	AI751364
Sequence 2220	AI469237	Sequence 2272	AI751565
Sequence 2221	A1492520	Sequence 2273	Al752319
Sequence 2222	A1492769	Sequence 2274	AI752553
Sequence 2223	AI494344	Sequence 2275	AI752929
Sequence 2224	AI523940	Sequence 2276	AI753108
Sequence 2225	AI524677	Sequence 2277	AI753671
Sequence 2226	AI538682	Sequence 2278	AI754437
Sequence 2227	AI557059	Sequence 2279	Al755181
Sequence 2228	AI561260	Sequence 2280	AI758869
Sequence 2229	AI567988	Sequence 2281	AI761927
Sequence 2230	AI569715	Sequence 2282	A1763126
Sequence 2231	AI581291	Sequence 2283	AI791906
Sequence 2232	AI583211	Sequence 2284	AI793120
Sequence 2233	AI583570	Sequence 2285	AI799521
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Page 22 of 29 pages of Table 1

Sequence 2286	AI804346	Sequence 2338	AL049959
Sequence 2287	AI808109	Sequence 2339	AL049987
Sequence 2288	AI811021	Sequence 2340	AL049999
Sequence 2289	AI811845	Sequence 2341	AL050011
Sequence 2290	AI814139	Sequence 2342	AL050089
Sequence 2291	AI814674	Sequence 2343	AL050141
Sequence 2292	AI815868	Sequence 2344	AL050171
Sequence 2293	A1822030	Sequence 2345	AL050187
Sequence 2294	AI827641	Sequence 2346	AL050198
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Sequence 2298	AI879179	Sequence 2350	AL080186
Sequence 2299	AI879367	Sequence 2351	AL080235
Sequence 2300	AI879992	Sequence 2352	AL096857
Sequence 2301	AI888377	Sequence 2353	AL096858
Sequence 2302	Al911704	Sequence 2354	AL110197
Sequence 2303	Al911997	Sequence 2355	AL110235
Sequence 2304	Al912084	Sequence 2356	AL117237
Sequence 2305	AI916284	Sequence 2357	AL117499
Sequence 2306	Al916584	Sequence 2358	AL117534
Sequence 2307	Al923224	Sequence 2359	AL118999
Sequence 2308	Al924096	Sequence 2360	AL119085
Sequence 2309	AI928185	Sequence 2361	AL119157
S quence 2310	AI929819	Sequence 2362	AW020479
Sequence 2311	A1936748	Sequence 2363	AW044114
Sequence 2312	A1950087	Sequence 2364	AW102841
Sequence 2313	A1955808	Sequence 2365	C02094
Sequence 2314	AJ001258	Sequence 2366	C16886
Sequence 2315	AJ002030	Sequence 2367	C18886
Sequence 2316	AJ006026	Sequence 2368	D00017
Sequence 2317	AJ011001	Sequence 2369	D00022
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Sequence 2319	AJ012499	Sequence 2371	D00099
Sequence 2320	AJ223183	Sequence 2372	D00422
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Sequence 2323	AL036801	Sequence 2375	D13287
Sequence 2324	AL037646	Sequence 2376	D13665
Sequence 2325	AL038985	Sequence 2377	D13866
Sequence 2326	AL039150	Sequence 2378	D14662
Sequence 2327	AL041780	Sequence 2379	D14697
Sequence 2328	AL044019	Sequence 2380	D14710
Sequence 2329	AL046804	Sequence 2381	D14812
Sequence 2330	AL049055	Sequence 2382	D15049
Sequence 2331	AL049227	Sequence 2383	D16431
Sequence 2332	AL049229	Sequence 2384	D16937
Sequence 2333	AL049296	Sequence 2385	D17188
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Sequence 2337	ALUTTOU	0048000 2000	

Page 23 of 29 pages of Table I

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Sequence 2392	D28759	Sequence 2445	E01827
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Sequence 2394	D31767	Sequence 2447	E02628
Sequence 2395	D31784	Sequence 2448	E02651
Sequence 2396	D31883	• • • • • • • • • • • • • • • • • • •	E03569
Sequence 2397	D31890	Sequence 2449	E06721
Sequence 2398	D37991	Sequence 2450	E07218
Sequence 2399	D38491	Sequence 2451	F28779
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Sequence 2401	D43948	Sequence 2453	
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Sequence 2403	D45248	Sequence 2455	H03854
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Sequence 2441	E00882	Sequence 2493	L00160
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Page 24 of 29 pages of Table 1

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Page 25 of 29 pages of Table 1

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Page 26 of 29 pages of Table 1

WO 01/18542

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Page 27 of 29 pages of Table 1

28

#### Table 1

Sequence 340: found in patent publication W098/39446
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Sequence 341: found in patent publication W099/039941
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 29

#### Table 1

WO 01/18542 PCT/US00/24199 30

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Page 3 of 29 of Table 1A

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WO 01/18542 PCT/US00/24199

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WO 01/18542 P

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WO 01/18542 PCT/US00/24199 40

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WO 01/18542 PCT/US00/24199

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WO 01/18542 PCT/US00/24199

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WO 01/18542

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WO 01/18542 45

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WO 01/18542 PCT/US00/24199

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WO 01/18542 PCT/US00/24199

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WO 01/18542 54

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Sequence 2743	X56999	ANUC	Sequence 2795	Z74615	ANUC
Sequence 2744	X57766	ANUC	·		
Sequence 2745	X62744	ANUC			
Sequence 2746	X63432	ANUC			
Sequence 2747	X66360	ANUC			
Sequence 2748	X67698	ANUC			
Sequence 2749	X68277	ANUC			
Sequence 2750	X68880	ANUC			
Sequence 2751	X69398	ANUC			
Sequence 2752	X69838	ANUC			
Sequence 2753	X70340	ANUC			
Sequence 2754	X71087	ANUC			
Sequence 2755	X73608	ANUC			
20420.100 2100					

57

#### TABLE 1A

Sequence 340: found in patent publication W098/39446
AGGCGTNCCTCTGACTGCCCACTCAGTGGCNNCACCNGGGAGCTGNTTTGGNGCTTTGGG
GANCCTNAACANTTNCNTCTTTCAAAACTNACTGGC

Sequence 341: found in patent publication W099/039941
CCCTTAGCGNGGTCGCGGCCGAGGCACAATTCGATTATTCACANGAAAGGGCAAACTGTT
NNTGTTNGCTGGCAGGAGNAGGTGCATATATACCAGCACTTCAAGTNNGGTATTTCCATT
CAGGACATTTTATCTCTGTGCAAAGACCGGAGTAGAAGCTGATGAGTGGATCAAGATATT
ACGCTGGAAATTGTCACAAATAAGAAAACAGCTCAACCAAGGGGAAGGCACCGATCCGAT
CTCGGTCGTTCATCTTTAAATAGATCTTTCTTGCCAAGGAATGCTCTGGCCCAGGAGCAA
GGTGGAATGCTTCCCTGACGCTGCGATCTGCAGCAGCTNCAAATGAAAACCGACTAAGG
ATTTTCTTTCAAAAACAAATCAGAAGCAGATGCTGATTGGGACCCATATACCACGTTGCT
GACTCACCGTTGCTGCCCTTNCATGGATGTTGCCATCTGCTTGAGAACACTGAAGCAATC
ACCATTCTNGATANGAAAGTGCTTAAACCCCCCACTCTTAGGGCTGCTCACTTCTTAGAAC
ACACAAAGGGAAGAGGAAAGGGGT

Sequence 1016: found in patent publication W099/38881
CTACTTAGGGCGAATTGGAGCTCCCGCGGTGGCGGCCGAGGTCAAGCTTCGACCCCGCG
TCCGTGATAAACTACTTTTGGGTTTTATTTCATTGAGGCACTTTTTTTATTGTTTGAATG
ATTCCGGCTTGTAATATATCAGCCTCTACAATGAAATGCAGAAGAGTTCATTTTTCTAG
ATCTGTTTTTCATTAGAAATATTGACAAATAACACATTGTCAACCTGGATCCTTTGACA
TTTACTTAACTCTGGCATGTTCACAAAAAGTAGAAACTCTAAGAGACCATTACCATTTT
TCACAGATGTATAGGGGATGTATTCTAAAAACTGACAGAAAAGAGAATNTGATAGTCAAC
ACTGTTAACTTTTACTGNGTAATTGCCAAATACACTTTTCCAAATTTGTCCCAACAGCC
TNTAAGCCAGCTTTCTTCTATATTTATAA

# TABLE 1A

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA001066	DBEst	1437265
	DBEst	1463141
AA007157		1472001
AA010954	DBEst	
AA015792	DBEst	1476959
AA019769	DBEst	1483105
AA019948	DBEst	1483755
AA022925	DBEst	1487005
AA022937	DBEst	1487036
AA024405	DBEst	1489413
AA029750	DBEst	1496068
AA031509	DBEst	1501463
AA033876	DBEst	1505694
AA034237	DBEst	1506265
AA039967	DBEst	1516280
*		1516350
AA040073	DBEst	
AA040122	DBEst	1516400
AA045732	DBEst	1525626
AA045861	DBEst	1525757
AA046835	DBEst	1524734
AA047026	DBEst	1525061
AA047417	DBEst	1525463
AA053486	DBEst	1544124
AA054658	DBEst	1545600
AA055606	DBEst	1547963
AA056113	DBEst	1548469
AA056176	DBEst	1548514
AA056363	DBEst	1548703
	DBEst	1548771
AA056431		1929216
AA065336	DBEst	1577149
AA069781	DBEst	
AA069784	DBEST	1577152
AA069839	DBEst	1577199
AA069983	DBEst	1577343
AA071255	DBEst	1578610
AA075135	DBEst	1615139
AA081655	DBEst	1623857
AA082245	DBEst	1624304
AA083471	DBEst	1625557
AA083510	DBEst	1625570
AA085862	DBEst	1629449
AA085872	DBEst	1629244
AA085947	DBEst	1629482
AA088770	DBEst	1634335
AA100333	DBEst	1646685
	DBEst	1647074
AA100719		1647210
AA100793	DBEst	1647210
AA100852	DBEst	
AA101270	DBEst	1647951
AA101561	DBEst	1648449
AA111907	DBEst	1663978
AA112043	DBEst	1664189
AA112308	DBEst	1664577
AA112375	DBEst	1664785
AA113860	DBEst	1667753
AA114120	DBEst	1667996
AA115118	DBEst	1669966
AA115368	DBEst	1670548
AA122286	DBEst	1678525
AA122348	DBEst	1678587
		1685775
AA126109	DBEst	1686466
AA127105	DBEst	
AA127132	DBEst	1686492
AA127418	DBEst	1686707

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA128305	DBEst	1688355
		1689332
AA129461	DBEst	
AA130252	DBEst	1691414
AA130547	DBEst	1692100
AA130786	DBEst	1692452
AA131041	DBEst	1692593
		1692555
AA131065	DBEst	
AA131104	DBEst	1692612
AA131155	DBEst	1692646
AA131160	DBEst	1692668
AA132182	DBEst	1693860
AA132568	DBEst	1694075
	DBEst	1694087
AA132598		
AA133351	DBEst	1690319
AA133927	DBEst	1690994
AA134105	DBEst	1691317
AA134210	DBEst	1691566
AA135032	DBEst	1696143
AA135919	DBEst	1697105
		-
AA136383	DBEst	1697611
AA136789	DBEst	1697998
AA143609	DBEst	1713177
AA146773	DBEst	1716163
AA147806	DBEst	1717195
AA148160	DBEst	1717542
		1717666
AA148268	DBEst	
AA148771	DBEst	1721626
AA149056	DBEst	1719347
AA150307	DBEst	1721837
AA151310	DBEst	1719502
AA151775	DBEst	1720675
AA152037	DBEst	1720875
		1718626
AA152416	DBEst	
AA155853	DBEst	1727471
AA155926	DBEst	1727544
AA157405	DBEst	1729013
AA157725	DBEst	1729350
AA157788	DBEst	1732599
AA158165	DBEst	1732959
	DBEst	1732965
AA158171		
AA159272	DBEst	1734074
AA160114	DBEst	1734680
AA160685	DBEst	1736087
AA161410	DBEst	1735771
AA164405	DBEst	1740715
AA164465	DBEst	1740624
		1740311
AA165083	DBEst	
AA165629	DBEst	1741662
AA166973	DBEst	1745366
AA171510	DBEst	1750569
AA173031	DBEst	1754310
AA173470	DBEst	1753798
AA173630	DBEst	1753763
AA179462	DBEst	1760830
AA187003	DBEst	1775129
AA187958	DBEst	1774167
AA188591	DBEst	1775616
AA192108	DBEst	1781932
AA199710	DBEst	1795418
		1798950
AA203224	DBEst	
AA203284	DBEst	1799010
AA205851	DBEst	1801222
AA209431	DBEst	1807445

TABLE 1-1

ACC NUM	DATABASE	GI WBR
AA209531	DBEst	1807492
AA214075	DBEst	1812697
AA216612	DBEst	1817292
AA224230	DBEst	1844755
AA224985	DBEst	1846276
AA226502	DBEst	1847857
AA229225	DBEst	1851057
AA232626	DBEst	1855763
AA233843	DBEst	1856920
AA242891	DBEst	1873684 1885707
AA250725	DBEst DBEst	1885943
AA250982	<del></del>	1891227
AA256959	DBEst DBEst	1894348
AA259077 AA262440	DBEst	1897800
AA263110	DBEst	1898920
AA283165	DBEst	1926099
AA285260	DBEst	1929570
AA287112	DBEst	1934119
AA292191	DBEst	1940291
AA292334	DBEst	1940314
AA292385	DBEst	1940380
AA292771	DBEst	1941593
AA293273	DBEst	1941423
AA293572	DBEst	1941239
AA295348	DBEst	1947743
AA295485	DBEst	1947839
AA301631	DBEst	1954115
AA304669	DBEst	1957001
AA304961	DBEst	1957288
AA305193	DBEst	1957520
AA305438	DBEst	1957763
AA306542	DBEst	1958871
AA306708	DBEst	1959036 1959275
AA306945	DBEst DBEst	1959567
AA307239 AA307477	DBEst	1960025
AA307477 AA307504	DBEst	1959872
AA307504 AA307697	DBEst	1960187
AA307779	DBEst	1960177
AA308062	DBEst	1960391
AA308801	DBEst	1961131
AA309028	DBEst	1961354
AA309988	DBEst	1962337
AA311006	DBEst	1963405
AA311481	DBEst	1963975
AA312012	DBEst	1964341
AA313684	DBEst	1966083
AA314146	DBEst	1966495
AA315049	DBEst	1967529
AA315308	DBEst	1967637
AA315426	DBEst	1967755
AA316682	DBEst	1969010
AA319958	DBEst	1972449
AA320346	DBEst	1972675 1973319
AA320991	DBEst	1973319
AA328544	DBEst	1982700
AA330457	DBEst DBEst	1991103
AA338793 AA340069	DBEst	1992307
AA341170	DBEst	1993406
AA341170 AA342394	DBEst	1994715
AA348250	DBEst	2000486

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA349148	DBEst	2001385
AA351443	DBEst	2003763
AA351880	DBEst	2004198
AA356158	DBEst	2008784
AA356187	DBEst	2008516
AA356195	DBEst	2008524
AA357374	DBEst	2009714
AA367446	DBEst	2019764
AA375236	DBEst	2027555
AA377718	DBEst	2030037
AA380997	DBEst	2033336
AA383917	DBEst	2036256
AA385147	DBEst	2037466
AA389641	DBEst	2042627
AA393164	DBEst	2046134
AA393236	DBEst	2046205
AA394242	DBEst	2047227
AA398732	DBEst	2051854
AA401864	DBEst	2055883
AA410508	DBEst	2069614 2069686
AA410580	DBEst	2009000
AA410942	DBEst	2068883
AA411334 AA411599	DBEst DBEst	2069132
AA411599 AA418061	DBEst	2079935
AA418473	DBEst	2080273
AA418970	DBEst	2080798
AA420789	DBEst	2094677
AA421682	DBEst	2100499
AA421850	DBEst	2100809
AA424529	DBEst	2103499
AA428421	DBEst	2112235
AA429754	DBEst	2112972
AA441787	DBEst	2153671
AA451633	DBEst	2165302
AA453309	DBEst	2166978
AA453559	DBEst	2167228
AA453570	DBEst	2167239
AA454871	DBEst	2177647
AA454913	DBEst	2177689
AA456892	DBEst	2179612
AA457048	DBEst	2179768 2188310
AA463426	DBEst	2189923
AA465039	DBEst DBEst	2205857
AA477173 AA480921	DBESt	2210473
AA484050	DBEst	2212863
AA484756	DBEst	2214141
AA487483	DBEst	2217647
AA489640	DBEst	2219242
AA493886	DBEst	2223727
AA494493	DBEst	2224280
AA496518	DBEst	2229839
AA501749	DBEst	2236716
AA501822	DBEst	2236789
AA501945	DBEst	2236912
AA504490	DBEst	2240650
AA507234	DBEst	2243673
AA513640	DBEst	2252052
AA526227	DBEst	2268296
AA526889	DBEst	2268958
AA527139	DBEst	2269208
AA527188	DBEst	2269257

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA531428	DBEst	2274134
AA532633	DBEst	2276887
	DBEst	2279724
AA535471	DBEst	2325296
AA554757	DBEst	2327635
AA565996	DBEst	2337033
AA568217		2348257
AA573742	DBEst	2348408
AA573893	DBEst	2348752
AA574237	DBEst	2354340
AA576866	DBEst	
AA579034	DBEst	2357218
AA579816	DBEst	2358000
AA581220	DBEst	2358992
AA581264	DBEst	2359036
AA582093	DBEst	2360771
AA583091	DBEst	2360451
AA584411	DBEst	2369020
AA586776	DBEst	2397590
AA587110	DBEst	2397924
AA587233	DBEst	2398047
AA587700	DBEst	2401875
AA609259	DBEst	2457687
AA609837	DBEst	2458265
AA613907	DBEst	2466041
AA614529	DBEst	2466725
AA618033	DBEst	2505238
AA628487	DBEst	2540874
AA631204	DBEst	2553815
AA631811	DBEst	2554422
AA640901	DBEst	2566151
AA641841	DBEst	2567059
AA642215	DBEst	2567433
AA643602	DBEst	2568820
AA651720	DBEst	2583372
AA664996	DBEst	2619609
AA668297	DBEst	2629796
AA668836	DBEst	2630335
AA675923	DBEst	2775270
AA687833	DBEst	2674739
AA704992	DBEst	2714910
AA732702	DBEst	2753309
AA745241	DBEst	2785227
AA746481	DBEst	2786467
AA758889	DBEst	2806752
AA772570	DBEst	2824353
AA772790	DBEst	2825632
AA776709	DBEst	2836043
AA776811	DBEst	2836142
AA777384	DBEst	2836715
AA778116	DBEst	2837517
AA779868	DBEst	2839199
AA781343	DBEst	2840674
AA809984	DBEst	2879390
AA810945	DBEst	2880556
AA811200	DBEst	2880811
AA825768	DBEst	2899080
AA828073	DBEst	2900436
AA828722	DBEst	2901821
AA843176	DBEst	2929694
AA843661	DBEst	2930179
AA876526	DBEst	2985603
AA883255	DBEst	2992785
AA906652	DBEst	3042238

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA917638	DBEst	3057528
AA927734	DBEst	3076554
AA954939	DBEst	3118634
AA962622	DBEst	3134786
AA991285	DBEst	3177774
AB000115	GenBank	2564034
AB004047	GenBank	2116654
AB006746	GenBank	3510296
AB007619	GenBank	2465179
AB007860	GenBank GenBank	2662080 3413940
AB007965	GenBank GenBank	3043581
AB011101 AB011169	GenBank	3043717
AB012701	GenBank	6714554
AB012701 AB014536	GenBank	3327085
AB014555	GenBank	3327143
AB019568	GenBank	3885371
AB020623	GenBank	3985929
AB020629	GenBank	4240129
AB020693	GenBank	4240260
AB021288	GenBank	4038732
AB022663	GenBank	5019617
AB023214	GenBank	4589637
AB023230	GenBank	4589675
AC02059	N/A	N/A
AC03653	N/A	N/A
AC13415	N/A	N/A
AF000982	GenBank	2580549 2580585
AF002985 AF005654	GenBank GenBank	2337951
AF006086	GenBank	2282037
AF007791	GenBank	3779196
AF013758	GenBank	3046899
AF013988	GenBank	2318114
AF021232	GenBank	3452182
AF026939	GenBank	2612967
AF026941	GenBank	2612970
AF026942	GenBank	2612971
AF026943	GenBank	2612972
AF026944	GenBank	2612973
AF028832	GenBank	3287488 3169829
AF030455	GenBank	3219692
AF030514 AF031469	GenBank GenBank	4104081
AF033095	GenBank	2645728
AF035286	GenBank	2661038
AF035200 AF035316	GenBank	2661078
AF037204	GenBank	2906012
AF038451	GenBank	3779225
AF038662	GenBank	3132899
AF038963	GenBank	4405794
AF043431	GenBank	3452280
AF044956	GenBank	5326827
AF045941	GenBank	3893854
AF046997	GenBank	3170363
AF051894	GenBank	3095110
AF052124	GenBank	3360431
AF052578	GenBank	2967847 2996191
AF053233	GenBank	2996191
AF054838 AF055012	GenBank GenBank	3005735
AF053012 AF061736	GenBank	4335936
AF061738	GenBank	4335940
		·

TABLE 1-1

1.00 NTM	nama pa ce	GI NBR
ACC NUM	DATABASE	3152659
AF064603	GenBank	
AF064854	GenBank	4206066
AF065388	GenBank	3152700
AF067168	GenBank	4894369
AF067174	GenBank	4894381
AF067817	GenBank	3928846
AF070523	GenBank	3764088
AF070561	GenBank	3387928
AF070562	GenBank	3387930
AF070596	GenBank	3387973
AF070664	GenBank	4454703
AF070674	GenBank	3978243
AF077048	GenBank	4689143
AF077051	GenBank	4689149
AF077200	GenBank	4679013
AF077671	GenBank	3386485
AF080246	GenBank	3406799
AF081484	GenBank	3420928
AF083470	GenBank	3719293
AF084523	GenBank	3550342
AF085355	GenBank	5114044
AF086003	GenBank	3483348
AF086080	GenBank	3483425
AF086183	GenBank	3483528
AF086545	GenBank	3483890
AF091263	GenBank	4140646
AF111713	GenBank	5326796
AF118023	GenBank	4836400
AF124438	GenBank	4838431
AF124439	GenBank	4838433
AF131808	GenBank	4406640
AF131820	GenBank	4406655
AF131848	GenBank	4406690
AF132966	GenBank	4680702
AF132968	GenBank	4680706
AF146277	GenBank	4960046
AF147331	GenBank	4761682
AF150100	GenBank	5107187
AF150266	DBEst	5133702
AF151873	GenBank	4929698
AF151877	GenBank	4929706
AF151978	GenBank	5732679
AF167160	GenBank	5733691
AI023413	DBEst	3239819
AI027888	DBEst	3246587
AI031811	DBEst	3250023
AI033687	DBEst	3254640
AI042140	DBEst	3281334 3399895
AI075324	DBEst	
AI075876	DBEst	3405054
AI126802	DBEst	3595316
AI127556	DBEst	3596070
AI129360	DBEst	3597874
AI139456	DBEst	3645428
AI140291	DBEst	3647748
AI144215	DBEst	3666024
AI161378	DBEst	3693062
AI188638	DBEst	3739847 3784658
AI215617	DBEst	
AI216969	DBEst	3789623 3836975
AI241578	DBEst	3846696
AI250167	DBEst	3850451
AI253330	DBEst	3030431

TABLE 1-1

A CC ATTRA	DATABASE	GI NBR
ACC NUM		
AI253335	DBEst	3850456
AI253369	DBEst	3850490
AI253436	DBEst	3850391
		3869874
AI261671	DBEst	
A1262264	DBEst	3870467
AI267162	DBEst	3886329
AI267379	DBEst	3886546
A1267502	DBEst	3886669
AI267622	DBEst	3886789
AI279131	DBEst	3917365
AI285943	DBEst	3924176
		3932437
AI289173	DBEst	
AI290876	DBEst	3933650
AI292104	DBEst	3934878
AI300033	DBEst	3959379
		3959420
AI300074	DBEst	
AI312113	DBEst	4017718
AI336032	DBEst	4072959
AI337069	DBEst	4073996
		4077189
A1340262	DBEst	
AI346975	DBEst	4084181
AI354639	DBEst	4094792
AI366381	DBEst	4126070
	DBEst	4147777
AI369024		
AI382020	DBEst	4194801
AI400372	DBEst	4243459
AI417973	DBEst	4261477
AI431963	DBEst	4306858
		4281647
AI453405	DBEst	
AI457157	DBEst	4310026
AI457624	DBEst	4310493
AI459679	DBEst	4312560
	DBEst	4312891
AI460010	_	
AI469095	DBEst	4331185
AI469715	DBEst	4331805
AI471539	DBEst	4333629
AI476335	DBEst	4329380
		4372457
AI479289	DBEst	
AI499285	DBEst	4391267
AI521180	DBEst	4435315
AI538061	DBEst	4452196
	DBEst	4525656
AI567204		
AI587104	DBEst	4573545
AI587328	DBEst	4573769
AI609624	DBEst	4618791
AI610607	DBEst	4619774
	DBEst	4622040
AI612873		
AI627444	DBEst	4664244
AI632869	DBEst	4684199
AI633164	DBEst	4684494
		4687344
AI636014	DBEst	
AI637620	DBEst	4689854
AI676218	DBEst	4876698
AI683871	DBEst	4894053
AI684170	DBEst	4895464
AI693877	DBEst	4971217
AI694088	DBEst	4971428
AI732534	DBEst	5053647
A1743595	DBEst	5111883
		5112777
AI744489	DBEst	
AI745058	DBEst	5113346
AI753108	DBEst	5131372
AI791322	DBEst	5339038

TABLE 1-1

n and thereo.	72 M2 D2 CD	GI MBR
ACC NUM	DATABASE	
AI798474	DBEst	5363946 5369310
AI803838	DBEst	5398526
AI811960	DBEst	
AI813617	DBEst	5424832 5431375
AI815829	DBEst	
AI826957	DBEst	5447628 5451673
AI831002	DBEst	5527148
AI863041	DBEst	
AI867294	DBEst	5540310
AI912076	DBEst	5631931 5635408
AI915553	DBEst GenBank	2764616
AJ001381	DBEst.	2769433
AJ003401 AJ010071	GenBank	3483016
1200000	GenBank	5629914
AJ132502 AL044356	DBEst	5432578
AL044336 AL044825	DBESt	5433037
AL047024	DBESt	5435080
AL047024 AL048393	DBEst	5936479
AL049313	GenBank	4500086
AL049923	GenBank	4884169
AL049954	GenBank	4884203
AL050024	GenBank	4884093
AL050272	GenBank	4886498
AL050395	GenBank	4914616
AL096714	GenBank	5419847
AL096748	GenBank	5419879
AL096842	GenBank	5524930
AL110124	GenBank	5817017
C17346	DBEst	1572053
D00017	GenBank	219909
D00068	GenBank	220080
D11960	DBEst	2148277
D12502	GenBank	219494
D12763	GenBank	220076
D13380	GenBank	220033
D13645	GenBank	286008
D13866	GenBank	433410
D14697	GenBank	285964 434760
D21260	GenBank	434760
D23660	GenBank	505086
D26155	GenBank GenBank	565648
D26599	GenBank	633074
D28759 D29640	GenBank	473930
D31763	GenBank	498151
D31763 D31767	GenBank	505091
D31883	GenBank	505093
D38524	GenBank	633070
D42040	GenBank	577292
D45248	GenBank	1008914
D49396	GenBank	682747
D50372	GenBank	2605593
D50420	GenBank	2618577
D55653	GenBank	871882
D81522	DBEst	1179399
D83077	GenBank	1304131
D83767	GenBank	1913784
D86958	GenBank	1503989
D86979	GenBank	6634000
D87666	GenBank	1620016
D87667	GenBank	1620019
D87735	GenBank	1620021

TABLE 1-1

ACC NUM	DATABASE	GI NBR
D88532	GenBank	1661000
	GenBank	4165017
D89053	GenBank	219496
D90311	GenBank	219897
D90453	GenBank	2169456
E01197	GenBank	2169457
E01198	GenBank	2169883
E01630	GenBank	2170202
E01954	GenBank	2170202
E01971	GenBank	2170210
E01972 E02628	GenBank	2170226
	GenBank	2171785
E03569	GenBank	2172093
E03879	GenBank	2176776
E08663	DBEst	672186
F06593	DBEst	4814405
F28779 H25806	DBEst	894929
H47546	DBEst	923598
H48873	DBEst	988713
	DBEst	1025207
H66467	DBEst	1070675
H88415	GenBank	188242
J00196	GenBank	189737
J03575 J03858	GenBank	179439
J03909	GenBank	186264
J04164	GenBank	177801
K00422	GenBank	184322
K01763	GenBank	184316
L00693	GenBank	180228
L02426	GenBank	403455
L06328	GenBank	340200
L09159	GenBank	307374
L10413	GenBank	388755
L11066	GenBank	307322
L20688	GenBank	404044
L20941	GenBank	507251
L28997	GenBank	607027
L38995	GenBank	704415
L41490	GenBank	927064
M10119	GenBank	182517
M13536	GenBank	180248
M14328	GenBank	182113
M14764	GenBank	189204
M15329	GenBank	186277
M16660	GenBank	184420
M17017	GenBank	179579
M18216	GenBank	178690
M19723	GenBank	186726
M22918	GenBank	189019
M23613	GenBank	189271
M24194	GenBank	187701
M24594	GenBank	186262
M26152	GenBank	1160968 180222
M29540	GenBank	180222
M29541	GenBank	
M29551	GenBank	180708 181070
M33146	GenBank	416292
M34064	GenBank	185790
M34455	GenBank GenBank	9446401
M35198	GenBank GenBank	338285
M36693	GenBank GenBank	338266
M37716 M55268	GenBank	177837
MJJ200	Gennank	2,,00,

TABLE 1-1

ACC NUM	DATABASE	GI NBR
M55542	GenBank	183001
M55543	GenBank	829176
M57567	GenBank	178986
M60333	GenBank	188268
M61715	GenBank	340367
M62831	GenBank	182260
M63121	GenBank	339755
M63838	GenBank	184568
M68520	GenBank	180177
M77945	DBEst	273682
M80563	GenBank	179916
M81757	GenBank	337732
M83248	GenBank	189150 179660
M83654	GenBank	179958
M86553	GenBank GenBank	338651
M87284	GenBank	338653
M87434 M87503	GenBank	184652
M92357	GenBank	306463
M96982	GenBank	338262
M97501	GenBank	180621
M97935	GenBank	2281070
N36346	DBEst	1157488
N51262	DBEst	1192428
N57413	DBEst	1201303
N78477	DBEst	1241178
N92060	DBEst	1264369
Q21065	N/A	N/A
Q94780	N/A	N/A
R13925	DBEst	767001
R51732	DBEst	813634
R56461	DBEst	826567
R66489	DBEst	839127 850303
R75621	DBEst GenBank	256398
S45630 S70290	GenBank	546602
S75295	GenBank	913392
S76638	GenBank	243420
T34641	DBEst	616739
T50925	DBEst	652785
T52715	DBEst	654575
T54951	DBEst	656812
T70793	DBEst	685314
U03886	GenBank	458225
U04313	GenBank	453368
U07550	GenBank	469170
U07857	GenBank	469048
U08815	GenBank	508722 791184
U09559	GenBank GenBank	495565
U09847	GenBank GenBank	577169
U10439 U14966	GenBank	550012
U18321	GenBank	603763
U19878	GenBank	755465
U23942	GenBank	1698395
U25789	GenBank	808089
U28249	GenBank	897916
U28964	GenBank	899458
U32500	GenBank	1000750
U32944	GenBank	1209060
U33760	GenBank	995823
U37230	GenBank	1574941
U37518	GenBank	1149557

WO 01/18542 70

TABLE 1-1

	22.52.52	
ACC NUM	DATABASE	GI NBR
<del>U</del> 38292	GenBank	1790879
บ38784	GenBank	1574947
U41371	GenBank	1173904
U41515	GenBank	1209723
U52513	GenBank	1777781
U56255	GenBank	1399688
U57847	GenBank	1373420
U61083	GenBank	4097430
U68758	GenBank	4097815
U73524	GenBank	1644401
U77085	GenBank	1684789 1699000
U78722	GenBank	2257753
U79751	GenBank	1946691
U94586	GenBank	35434
V00572	GenBank GenBank	37120
V00594, V04202	N/A	N/A
V17906	N/A N/A	N/A
V36078	N/A	N/A
V68140	N/A	N/A
V86134	N/A	N/A
W02908	DBEst	1274885
W05711	DBEst	1278502
W07308	DBEst	1281506
W25547	DBEst	1303421
W28837	DBEst	1308785
W37272	DBEst	1318866
W38644	DBEst	1320349
W39262	DBEst	1320979
W39498	DBEst	1321206
W52254	DBEst	1349394
W74319	DBEst	1384468
W77987	DBEst	1388521
W80480	DBEst	1391538
X00637	GenBank	32429
X01742	GenBank	35324
X02530	GenBank	33917 23795
X02661	GenBank	23795 N/A
X04316	N/A GenBank	N/A 23792
X04371 X04470	GenBank	28638
X05908	GenBank	34387
X07819	GenBank	35798
X13238	GenBank	1200056
X15674	GenBank	35995
X15729	GenBank	38317
X16354	GenBank	37197
X16356	GenBank	37203
X16455	GenBank	29854
X17025	GenBank	488749
X20432	N/A	N/A
X30167	N/A	N/A
X33937	N/A	N/A
X35726	N/A	N/A
X41105	N/A	N/A
X51841	GenBank	33910
X54941	GenBank	29976
X56932	GenBank	23690
X57351	GenBank	311373
X59710	GenBank	35049
X65614	GenBank ConBank	36177
X67951	GenBank GenBank	287640 37230
X68060	Gendank	3,230

TABLE 1-1

		a
ACC NUM	DATABASE	GI NBR
x68277	GenBank	29980
x72790	GenBank	311401
X76488	GenBank	434305
X83544	GenBank	1089849
x85134	GenBank	755749
x87949	GenBank	1143491
x93036	GenBank	1085025
x99699	GenBank	1869900
x99920	GenBank	1694827
Y09267	GenBank	1834492
Y13323	GenBank	5042231
Y17392	GenBank	3212109 551637
212830	GenBank	533929
236815	GenBank GenBank	860989
247087	GenBank	695580
248570	GenBank	2239127
Z71389 AA002223	DBEst	1445158
AA012223 AA018843	DBEst	1482235
AA021647	DBEst	1485308
AA022842	DBEst	1487015
AA022965	DBEst	1487064
AA024522	DBEst	1489238
AA028164	DBEst	1494289
AA035775	DBEst	1507603
AA037294	DBEst	1512438
AA039967	DBEst	1516280
AA045637	DBEst	1525513
AA046815	DBEst	1524920
AA046853	DBEst	1524752
AA047052	DBEst	1524950
AA047213	DBEst	1525113
AA057071	DBEst	1549810
AA058933	DBEst	1551788
AA064952	DBEst	1559216
AA075089	DBEst	1615078 1616160
AA076291	DBEst	1837982
AA078508	DBEst DBEst	1623371
AA080864 AA083345	DBESt	1625405
AA083693	DBEst	1625753
AA085497	DBEst	1628765
AA086463	DBEst	1629080
AA093935	DBEst	1639528
AA100291	DBEst	1646582
AA101207	DBEst	1647860
AA102403	DBEst	1647188
AA111856	DBEst	1663943
AA115174	DBEst	1670371
AA122134	DBEst	1678255
AA122291	DBEst	1678547
AA125780	DBEst	1685521
AA127322	DBEst	1686638
AA130432	DBEst	1691715
AA131801	DBEst	1693290
AA132445	DBEst	1694012
AA134109	DBEst	1691321
AA135924	DBEst	1697110
AA136322	DBEst	1697597
AA143034	DBEst	1712411 1721279
AA150057	DBEST	1721279
AA151651 AA156335	DBEst DBEst	1727969
WHIJOJJJ	∟ و بيربر	2.2.707

TABLE 1-1

		## NEW P
ACC NUM	DATABASE	GI NBR
AA157333	DBEst	1728942
AA158987	DBEst	1733823
AA165439	DBEst	1741455
AA165632	DBEst	1741665
AA166618	DBEst	1745207
AA172067	DBEst	1751125
AA173031	DBEst	1754310
AA178870	DBEst	1760393
AA181874	DBEst	1765359
AA195194	DBEst	1784884
AA203206	DBEst	1798916
AA203289	DBEst	1799038
AA204768	DBEst	1802618 1802009
AA206621	DBEst	1802009
AA213914	DBEst	1832993
AA218919	DBEst	1844591
AA224050	DBEst DBEst	1844769
AA224244	DBESt	1849140
AA227596	DBEst	1851983
AA229018 AA229161	DBEst	1851090
AA236445	DBEst	1858734
AA236443 AA236680	DBEst	1860973
AA243537	DBEst	1874328
AA252436	DBEst	1887407
AA252869	DBEst	1885537
AA256330	DBEst	1891867
AA262700	DBEst	1898112
AA278358	DBEst	1921666
AA287076	DBEst	1934137
AA291551	DBEst	1939545
AA293273	DBEst	1941423
AA295982	DBEst	1948378
AA301675	DBEst	1954018
AA301722	DBEst	1954065
AA302964	DBEst	1955294
AA303199	DBEst	1955604
AA304927	DBEst	1957254 1957368
AA305042	DBEst	1957960
AA305635	DBEst DBEst	1967520
AA315030	DBEst	1968272
AA315943 AA317144	DBESt	1969699
AA326060	DBEst	1978315
AA327358	DBEst	1979623
AA336387	DBEst	1988636
AA346413	DBEst	1998651
AA352580	DBEst	2004900
AA363162	DBEst	2015480
AA375754	DBEst	2028074
AA399230	DBEst	2053028
AA400249	DBEst	2054315
AA401629	DBEst	2055827
AA402885	DBEst	2056782
AA406401	DBEst	2064402
AA421682	DBEst	2100499
AA422057	DBEst	2100890
AA424445	DBEst	2103415
AA424901	DBEst	2107006
AA424984	DBEst	2107137
AA425182	DBEst	2105974
AA428607	DBEst	2112800
AA446099	DBEst	2158764

WO 01/18542 73

TABLE 1-1

		~
ACC NUM	DATABASE	GI NBR
AA446403	DBEst	2159068
AA447735	DBEst	2161405
AA449054	DBEst	2163074
AA449205	DBEst	2162668
AA449520	DBEst	2163270
AA452273	DBEst	2165942
AA455007	DBEst	2177783
AA455104	DBEst	2177880
AA459527	DBEst	2184434
AA460226	DBEst	2185042 2186407
AA461287	DBEst	
AA464526	DBEst	2189410 2194932
AA468398	DBEst	2194932
AA469135 AA469453	DBEst	2194248
	DBEst DBEst	2197999
AA470690 AA479427	DBEst	2207983
AA480336	DBEst	2208487
AA483454	DBEst	2212267
AA487669	DBEst	2217833
AA488423	DBEst	2215854
AA488635	DBEst	2216066
AA488843	DBEst	2218445
AA489772	DBEst	2220656
AA503972	DBEst	2238939
AA508506	DBEst	2246009
AA513550	DBEst	2251962
AA513783	DBEst	2252204
AA514989	DBEst	2254589
AA516400	DBEst	2253762
AA520993	DBEst	2261536
AA521110	DBEst	2261653
AA523639	DBEst	2264567
AA523697	DBEst	2264625
AA528106	DBEst	2270175
AA528190	DBEst	2270259
AA528226	DBEst	2270295
AA534830	DBEst	2279083
AA548722	DBEst	2319004 2321488
AA551236	DBEst	2321488
AA551243 AA558778	DBEst DBEst	2329255
AA563834	DBEst	2335473
AA576432	DBEst	2353932
AA580069	DBEst	2355396
AA580294	DBEst	2355621
AA582588	DBEst	2359948
AA584304	DBEst	2368913
AA588772	DBEst	2402503
AA593075	DBEst	2408837
AA595585	DBEst	2410935
AA601895	DBEst	2436048
AA628700	DBEst	2541087
AA630326	DBEst	2552937
AA630642	DBEst	2553253
AA631178	DBEst	2553789
AA631218	DBEst	2553829
AA633550	DBEst	2556764
AA634808	DBEst	2558022
AA639199	DBEst	2562978
AA639791	DBEst	2563570
AA644273	DBEst	2569491
AA648897	DBEst	2575326

TABLE 1-1

74

ACC NUM	DATABASE	GI NBR
		2619345
AA664732	DBEst	2658072
AA677550	DBEst	2675499
AA687308	DBEst	
AA705002	DBEst	2714920
AA706685	DBEst	2716603
AA708266	DBEst	2718184
AA713687	DBEst	2725961
AA719618	DBEst	2732717
AA719674	DBEst	2732773
AA720572	DBEst	2736707
AA721752	DBEst	2737814
AA723612	DBEst	2741319
AA730571	DBEst	2751775
AA742282	DBEst	2784282
AA748437	DBEst	2788395
AA749187	DBEst	2789145
AA761602	DBEst	2810532
AA768355	DBEst	2819370
AA769127	DBEst	2820365
AA774030	DBEst	2825919
AA774247	DBEst	2825545
AA779631	DBEst	2838962
AA808747	DBEst	2878153
AA809854	DBEst	2879260
AA810859	DBEst	2880470
AA825673	DBEst	2898985
AA825768	DBEst	2899080
AA826517	DBEst	2898339
AA827331	DBEst	2899772
AA827764	DBEst	2901323
AA829511	DBEst	2902610
AA831603	DBEst	2904702
AA836991	DBEst	2912190
AA837254	DBEst	2912453
AA846480	DBEst	2932620
AA846840	DBEst	2932980
AA853515	DBEst	2940254
AA883212	DBEst	2992742
AA886885	DBEst	3001993
AA889485	DBEst	3016364
AA897461	DBEst	3034081
AA902582	DBEst	3037705
AA902644	DBEst	3037767
AA909144	DBEst	3048549
AA913281	DBEst	3052673
AA916756	DBEst	3056148
AA922420	DBEst	3069729
AA927283	DBEst	3076180
AA933075	DBEst	3087008
AA935979	DBEst	3093136
AA937947	DBEst	3096058
AA948295	DBEst	3109548
AA969131	DBEst	3144311
AA971881	DBEst	3147171
	DBEst	3148199
AA973019 AA988923	DBEst	3174494
AA989465	DBEst	3174829
AA994023	DBEst	3180568
AB002310	GenBank	2224564
AB002310 AB002330	GenBank	2224504
	GenBank	3413911
AB007944	GenBank	3062802
AB012911	GenBank	4512256
AB017019	GCIIDGIIA	

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AB018266	GenBank	3882166
AB018305	GenBank	3882244
AB018347	GenBank	3882328
AB019568	GenBank	3885371
AB023158	GenBank	4589525
AB028976	GenBank	5689442
AB029005	GenBank	5689500
AC28164	N/A	N/A
AD001528	GenBank	2198556
AF000231	GenBank	2149974 2282041
AF006088 AF006516	GenBank GenBank	2245670
AF012072	GenBank	2895096
AF026947	GenBank	2736255
AF028832	GenBank	3287488
AF030424	GenBank	2623155
AF031379	GenBank	4894208
AF035287	GenBank	2661040
AF035309	GenBank	2661070
AF038197	GenBank	2795918
AF038404	GenBank	2707904
AF043431	GenBank	3452280 4191318
AF044670 AF044958	GenBank GenBank	4191318
AF047184	GenBank	2909859
AF052164	GenBank	3360475
AF052496	DBEst	3090893
AF052578	GenBank	2967847
AF054990	GenBank	3005703
AF059524	GenBank	4091867
AF070561	GenBank	3387928
AF070626	GenBank	3283892 4454685
AF070655 AF070674	GenBank GenBank	3978243
AF075040	GenBank	3377580
AF077030	GenBank	4689107
AF078847	GenBank	5531808
AF080246	GenBank	3406799
AF081282	GenBank	4336324
AF081484	GenBank	3420928 3550342
AF084523	GenBank GenBank	3483508
AF086163 AF095791	GenBank	3777595
AF100756	GenBank	5410297
AF107406	GenBank	5531905
AF119297	GenBank	4633508
AF131858	GenBank	4406705
AF132940	GenBank	4680650
AF151857	GenBank	4929666
AI028733	DBEst	3246042
AI031901	DBEst	3250113 3254692
AI033739 AI040324	DBEst DBEst	3279518
AI051172	DBEst	3306706
AI076805	DBEst	3404634
AI087005	DBEst	3425428
AI089913	DBEst	3428972
AI092007	DBEst	3427205
AI127326	DBEst	3595840
AI147251	DBEst	3674933 3677402
AI148933 AI149846	DBEst DBEst	3678315
A1149846 A1167855	DBEst	3701025
	<del>*</del>	

### TABLE 1-1

	Damana Cu	CT MDD
ACC NUM	DATABASE	GI NBR
AI183965	DBEst	3734603
AI189258	DBEst	3740467
AI220148	DBEst	3802351
AI224374	DBEst	3807087
AI240095	DBEst	3835492
AI246677	DBEst	3842074
AI248538	DBEst	3843935
AI266582	DBEst	3884740
AI268864	DBEst	3888031
AI270183	DBEst	3889350
AI271795	DBEst	3890962
AI273008	DBEst	3895276
AI273841	DBEst	3896109
AI274756	DBEst	3897030
AI275528	DBEst	3897802
AI283096	DBEst	3921329
AI298059	DBEst	3957795
AI335653	DBEst	4072580
AI338977	DBEst	4075904
AI339946	DBEst	4076873
AI373032	DBEst	4152898
AI374954	DBEst	4174944
AI374954	DBEst	4174944
AI380539	DBEst	4190392
AI417583	DBEst	4261087
AI432644	DBEst	4283347
AI433157	DBEst	4287209
AI457792	DBEst	4310661
AI469112	DBEst	4331202
AI471114	DBEst	4333204
AI471534	DBEst	4333624
AI473927	DBEst	4326972
AI479305	DBEst	4372473
AI499243	DBEst	4391225
AI525796	DBEst	4439931
AI525843	DBEst	4439978
AI537677	DBEst	4451812
AI541029	DBEst	4458402 4510470
AI560129	DBEst	4569005
AI583108	DBEst	4569965
AI584068	DBEst	4573649
AI587208	DBEst	4573649
AI589867	DBEst	4619843
AI610676	DBEst DBEst	4681692
AI630362	DBESt	4684336
AI633006	DBEst	4685773
AI634443	DBEst	4686426
A1635096	DBESt	4892287
AI682105	DBEst	4893520
A1683338	DBEst	4896094
AI684800 AI684991	DBEst	4896285
A1689369	DBEst	4900663
A1689617	DBEst	4900911
	DBEst	4901177
AI689883 AI693745	DBEst	4971085
AI701001	DBEst	4988901
A1733038	DBEst	5054151
A1735638	DBESt	5057162
A1741506	DBEst	5109794
A1741506 A1742722	DBEst	5111010
A1742722 A1742738	DBEst	5111016
A1742736 A1743552	DBEst	5111840
BT143336		

TABLE 1-1

ACC NUM	DATABASE	GI MBR
	<del></del>	5132136
AI753784	DBEst	
AI754296	DBEst	5132560
AI754652	DBEst	5132916
AI754732	DBEst	5132996
AI765975	DBEst	5232484
A1769970	DBEst	5236479
AI819225	DBEst	5438304
A1820563	DBEst	5439642
AI827818	DBEst	5448489
AI828682	DBEst	5449353
AI830067	DBEst	5450738
A1861989	DBEst	5526096
		5592293
AI887129	DBEst	
A1887632	DBEst	5592796
AI890281	DBEst	5595445
AI924046	DBEst	5660010
AI924096	DBEst	5660060
AI924823	DBEst	5660787
	DBEst	5756184
AI963471		
AI963604	DBEst	5756382
AI972556	DBEst	5769302
AI979048	DBEst	5804078
AI984656	DBEst	5811933
AJ010442	GenBank	3954884
AJ132694	GenBank	4454210
	<del>-</del>	2911586
AJ224442	GenBank	
AL036299	DBEst	5405889
AL042979	DBEst	5422409
AL047305	DBEst	4727252
AL049247	GenBank	4499985
AL049313	GenBank	4500086
AL049381	GenBank	4500168
	=	4884176
AL049932	GenBank	
AL050041	GenBank	4884283
AL050161	GenBank	4884375
AL050265	GenBank	4886440
AL050268	GenBank	4886442
AL050367	GenBank	4914600
AL079286	GenBank	5102746
	· · · .	5102740
AL079312	GenBank	
AL079314	GenBank	5102893
AL080113	GenBank	5262540
AL110164	GenBank	5817069
AL117412	GenBank	5912102
AL117612	GenBank	5912188
AL119009	DBEst	5924908
		5863450
AW014693	DBEst	
AW014985	DBEst	5863742
AW021794	DBEst	5875324
C01521	DBEst	1433751
D01096	GenBank	220128
D13119	GenBank	285909
D13627	GenBank	286010
		286000
D13630	GenBank	
D13639	GenBank	285990
D13665	GenBank	393318
D14530	GenBank	414348
D21260	GenBank	434760
D25278	GenBank	434780
D26361	GenBank	452516
		485387
D30655	GenBank	
D50310	GenBank	1183161
D51497	DBEst	951733

# TABLE 1-1

200 200	DATABASE	GI NBR
ACC NUM	DBEst	954928
D53031	DBESt	965892
D62116	GenBank	961447
D63878 D78611	GenBank	1655421
D82348	GenBank	1311461
D83032	GenBank	1374697
D85433	GenBank	1841371
D87437	GenBank	1665768
D87667	GenBank	1620019
D89092	GenBank	2780747
D90041	GenBank	219413
E02628	GenBank	2170856
E05732	GenBank	2173919
F00551	DBEst	707254
н08920	DBEst	873742
H25080	DBEst	893979
н30306	DBEst	901216
H44647	DBEst	920699
н81376	DBEst	1059465
н93521	DBEst	1099849
н94496	DBEst	1102129
J03464	GenBank	179595
J03799	GenBank	186840
J04027	GenBank	950413
J04177	GenBank	179729
K01228	GenBank	180391
K01566	GenBank	187721
L07395	GenBank	190218
L09159	GenBank	307374
L11315	GenBank	403386
L13806	GenBank	306554
L15702	GenBank	291921 291887
L16510	GenBank	438651
L24804	GenBank GenBank	438638
L25931	GenBank	454151
L28809 M10036	GenBank	339840
M10036 M10905	GenBank	182696
M11353	GenBank	184092
M12267	GenBank	189328
M13536	GenBank	180248
M14483	GenBank	339692
M14630	GenBank	339690
M17885	GenBank	190231
M18366	GenBank	179131
M21575	GenBank	1311702
M23254	GenBank	511636
M24194	GenBank	187701
M24486	GenBank	190785
M26512	GenBank	177796
M28372	GenBank	643575
M31159	GenBank	183115
M32220	GenBank	186619
M36341	GenBank	178984
M36693	GenBank	338285
M38690	GenBank	1048988 180154
M58485	GenBank	180154
M59849	GenBank ConBank	182391
M62831	GenBank ConBank	190813
M64241	GenBank GenBank	187290
M69043 M77142	GenBank GenBank	339700
M77830	GenBank	4689438
H77030		

TABLE 1-1

ACC NUM	DATABASE	GI NBR
M86667	GenBank	189066
M88108	GenBank	189499
M93651	GenBank	338038
M95542	GenBank	184271
N43970	DBEst	1182498
012759	N/A	N/A
014635	N/A	N/A
R11045	DBEst	763780
R76376	DBEst	851058
R84450	DBEst	942856
S74728	GenBank	797409
S82081	GenBank	1488412
T07459	DBEst	318608
T19883	DBEst	597628
T21168	DBEst	2596291
T22605	DBEst	2597187 621222
T37405	DBEst	676569
T67129	DBEst DBEst	680851
T69703	DBEst	697124
T78615 T89937	DBEst	718450
U03851	GenBank	433307
U12404	GenBank	531170
U14967	GenBank	550014
U14971	GenBank	550022
U20659	GenBank	929920
U25789	GenBank	808089
U30825	GenBank	1049077
U47077	GenBank	9027566
U49844	GenBank	1235901
U63846	GenBank	1480921
U65928	GenBank	1549382
U72516	GenBank	1673521 1710254
U79282	GenBank	1946350
U90716	GenBank GenBank	1913882
U90904 U94364	GenBank	2618769
V20437	N/A	N/A
V24305	N/A	N/A
V81394	N/A	N/A
V84510	N/A	N/A
W19427	DBEst	1295328
W65357	DBEst ·	1373499
W75963	DBEst	1386337
W80525	DBEst	1391689
X01630	GenBank	28871
X04098	GenBank	28338
X04408	GenBank	31914 30053
X06700	GenBank	30053
X14420	GenBank GenBank	52697
X51742	GenBank	34768
X60111 X69398	GenBank	396175
X72755	GenBank	311375
X74979	GenBank	400462
X76180	GenBank	452649
x78627	GenBank	607129
X79067	GenBank	483524
X80910	GenBank	531475
X87949	GenBank	1143491
Y00052	GenBank	30308
Y00062	GenBank	34275
Y00282	GenBank	36048

TABLE 1-1

ACC NUM	DATABASE	GI NBR
Y00503	GenBank	34038
Y15286	GenBank	2584788
Y17171	GenBank	3093333
Z13009	GenBank	31072
Z24724	GenBank	505034
Z29083	GenBank	435654
Z29331	GenBank	483539
Z46606	GenBank	575250
Z48501	GenBank	693936
AA001460	DBEst	1436925
AA001543	DBEst	1437008
AA001792	DBEst	1445606
,AA004925	DBEst	1448503 1471994
AA010897	DBEst	1471334
AA017162	DBEst	1482429
AA019019	DBEst DBEst	1487079
AA022980	DBEst	1489500
AA024595	DBEst	1489864
AA024940 AA024996	DBEst	1489901
AA025750	DBEst	1491134
AA026598	DBEst	1492433
AA029271	DBEst	1496712
AA029725	DBEst	1497138
AA029930	DBEst	1496355
AA033832	DBEst	1505650
AA035471	DBEst	1507128
AA035616	DBEst	1507426
AA036752	DBEst	1509790
AA037377	DBEst	1512540
AA039778	DBEst	1516057
AA039948	DBEst	1516243
AA040688	DBEst	1517002
AA040820	DBEst	1517098
AA041259	DBEst	1517683 1521333
AA043477	DBEst	1521333
AA044209	DBEst DBEst	1522109
AA044233 AA044791	DBEst	1522994
AA045054	DBEst	1523256
AA045147	DBEst	1523487
AA045768	DBEst	1525870
AA046848	DBEst	1524747
AA053021	DBEst	1544277
AA053316	DBEst	1545775
AA053919	DBEst	1544863
AA054069	DBEst	1545012
AA055479	DBEst	1547884
AA055591	DBEst	1547956
AA055637	DBEst	1547976
AA057243	DBEst	1550096
AA058712	DBEst	1551520
AA059128	DBEst	1552146
AA065169	DBEst	1559064
AA069850	DBEst	1577210
AA071167	DBEst	1578528
AA075158	DBEst	1615214
AA075515	DBEst	1615385 1615533
AA075663	DBEst	1616448
AA076397	DBEST	1616290
AA076421 AA078387	DBEst DBEst	1837861
AA078570	DBEst	1838051
DD010310	<i></i>	_000001

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA078872	DBEst	1617825
AA079480	DBEst	1618390
AA080889	DBEst	1623378
AA081073	DBEst	1622991
AA081608	DBEst	1623666
AA081834	DBEst	1623893
AA081917	DBEst	1623975
AA082258	DBEst	1624341
AA082441	DBEst	1624498
AA083270	DBEst	1625391
AA083345	DBEst	1625405
AA083522	DBEst	1625582
AA083573	DBEst	1625633
AA083638	DBEst	1625697
AA083774	DBEst	1625832
AA088318	DBEst	1633822
AA088344	DBEst	1633856
AA088351	DBEst	1633889
AA088693	DBEst	1634214
AA088783	DBEst	1634295
AA088829	DBEst	1634323
AA090106	DBEst	1636590
AA096032	DBEst	1641617
AA099819	DBEst	1645918
AA099923	DBEst	1646071
AA099976	DBEst	1646109
AA100764	DBEst	1647117
AA101010	DBEst	1647531
AA102013	DBEst	1645759
AA102564	DBEst	1647756
AA102830	DBEst	1648675
AA112186	DBEst	1664473
AA112645	DBEst	1665346
AA113305	DBEst	1665010
AA115218	DBEst	1670047
AA115315	DBEst	1670632
AA121656	DBEst	1679269
AA121718	DBEst	1679447
AA125809	DBEst	1688020
AA125939	DBEst	1687931
AA126452	DBEst	1686119
AA126718	DBEst	1686236
AA127436	DBEst	1686832
AA127666	DBEst	1686935
AA128063	DBEst	1687342
AA128636	DBEst	1688579
AA128641	DBEst	1688584
AA130778	DBEst	1692444
AA130982	DBEst	1692473
AA131827	DBEst	1693380
AA132056	DBEst	1693545
AA132163	DBEst	1693672
AA132574	DBEst	1694081
AA132992	DBEst	1694561
AA133351	DBEst	1690319
AA133474	DBEst	1690442
AA134460	DBEst	1692042
AA134527	DBEst	1692092
AA134589	DBEst	1695586
AA135696	DBEst	1696707
AA137017	DBEst	1698226
AA142941	DBEst	1712319
AA143001	DBEst	1712506

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA143074	DBEst	1712578
AA143746	DBEst	1713134
AA146900	DBEst	1716290
AA147200	DBEst	1716573
AA147247	DBEst	1716883
AA147781	DBEst	1717161
AA148027	DBEst	1717451
AA148136	DBEst	1717510
AA149810	DBEst	1720917
AA150377	DBEst	1721908
AA150837	DBEst	1722412
AA150928	DBEst	1722439
AA151274	DBEst	1719600
AA151594	DBEst	1720081
AA151755	DBEst	1720310 1718704
AA152476	DBEst	1727371
AA155754	DBEst	1727770
AA156066	DBEst	1728787
AA157163 AA157993	DBEst DBEst	1732804
AA157993 AA158738	DBESt	1733549
AA159110	DBEst	1733921
AA159576	DBEst	1735127
AA161003	DBEst	1735290
AA161076	DBEst	1735364
AA161467	DBEst	1735906
AA164193	DBEst	1741344
AA164473	DBEst	1740650
AA164729	DBEst	1740889
AA164873	DBEst	1741032
AA165027	DBEst	1740273
AA165068	DBEst	1740296
AA165087	DBEst	1740315
AA165174	DBEst	1740402
AA165282	DBEst	1740510
AA165293	DBEst	1740521 1741671
AA165638	DBEst	1745207
AA166618	DBEst DBEst	1745434
AA167041 AA167750	DBEst	1744900
AA171630	DBEst	1750889
AA173506	DBEst	1753638
AA174097	DBEst	1754302
AA179187	DBEst	1760556
AA180137	DBEst	1761403
AA180224	DBEst	1761553
AA180383	DBEst	1761692
AA181075	DBEst	1764592
AA181258	DBEst	1764785
AA181684	DBEst	1765213
AA182415	DBEst	1766238
AA182540	DBEst	1766256
AA186577	DBEst	1774676
AA187817	DBEst	1774011
AA188045	DBEst	1774295 1774332
AA188140	DBEst	1775418
AA188384	DBEst	1775853
AA188826	DBEst	1779393
AA190873	DBEst DBEst	1780101
AA191422 AA192094	DBEst	1782111
AA193308	DBEst	1782719
AA194577	DBEst	1784338

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA195246	DBEst	1784946
AA195865	DBEst	1791530
AA196424	DBEst	1791999
AA196982	DBEst	1792573
AA203691	DBEst	1799458
AA204867	DBEst	1802927
AA206578	DBEst	1801958
AA206991	DBEst	1801246
AA209508	DBEst	1807460
AA216753	DBEst	1817452
AA219665	DBEst	1833722
AA223121	DBEst	1843680
AA223820	DBEst	1844362
AA224109	DBEst	1844668
AA224407	DBEst	1845029 1848672
AA227118	DBEst	1851167
AA229325	DBEst DBEst	1851608
AA229611 AA232959	DBEst	1855951
AA233835	DBEst	1856856
AA233843	DBEst	1856920
AA234092	DBEst	1858897
AA234307	DBEst	1858618
AA236776	DBEst	1860841
AA242985	DBEst	1873780
AA243338	DBEst	1874149
AA244342	DBEst	1875177
AA249154	DBEst DBEst DBEst	1879783
AA255502		1892406
AA256591	DBEst	1892130
AA261990	DBEst	1897971 1898659
AA262939	DBEst	1919782
AA278445	DBEst DBEst	1919702
AA278482 AA278642	DBESt	1919962
AA278956	DBEst	1920495
AA279048	DBEst	1920577
AA280099	DBEst	1921573
AA280221	DBEst	1921759
AA280828	DBEst	1923508
AA282915	DBEst	1925910
AA284334	DBEst	1928614
AA284555	DBEst	1927484
AA284670	DBEst	1927581
AA284671	DBEst	1927582
AA284870	DBEst	1927464 1927448
AA284906 AA285290	DBEst DBEst	1929600
AA286699	DBESt	1933581
AA286872	DBESt	1933932
AA287219	DBEst	1934280
AA287642	DBEst	1933325
AA287815	DBEst	1933514
AA291438	DBEst	1939417
AA291485	DBEst -	1939506
AA291971	DBEst	1940027
AA292334	DBEst	1940314
	DBEst	1941167
AA293133	DBEst	1941173
AA293273	DBEst	1941423
AA293286	DBEst	1941377
AA293353	DBEst	1940750 1941239
AA293572	DBEst	1341633

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA293629	DBEst	1941280
AA293759	DBEst	1941542
AA293804	DBEst	1941727
AA296780	DBEst	1949277
AA297402	DBEst	1949735
AA298505	DBEst	1950908
AA299640	DBEst	1951971
AA301062	DBEst	1953433
AA301800	DBEst	1954133
AA303461	DBEst	1955795
AA303568	DBEst	1955901
AA305718	DBEst	1959046
AA306716 AA306862	DBEst	1959190
	DBESt	1959204
AA306876 AA307198	DBESt	1959526
		1959653
AA307325	DBEst	1960394
AA308065	DBEst	1960673
AA308274	DBEst	
AA308744	DBEst	1961143
AA310739	DBEst	1963088
AA310771	DBEst	1963242
AA311228	DBEst	1963628
AA311460	DBEst	1963786
AA311571	DBEst	1964055
AA311801	DBEst	1964150
AA311848	DBEst	1964177
AA311905	DBEst	1964306
AA312218	DBEst	1964618
AA312240	DBEst	1964578
AA312435	DBEst	1964763
AA313108	DBEst	1965456
AA313223	DBEst	1965552
AA313653	DBEst	1965983
AA313994	DBEst	1966555
AA314431	DBEst	1966760 1967221
AA314872	DBEst	1967221
AA315363	DBEst	1967707
AA315379	DBEst	1969570
AA317243	DBEst	1969772
AA317393	DBEst	1971371
AA318969	DBEst	1979467
AA327201	DBEst	1984254
AA331991	DBEst	1984234
AA332672	DBEst	1985601
AA333358	DBEst	1987516
AA335273	DBEst	1988905
AA336666	DBEst	1989429
AA337192	DBEst	1989954
AA337489 AA338793	DBEst DBEst	1991103
		1992224
AA339957	DBEst	1992579
AA340341	DBEst	1993684
AA341446	DBEst	1993733
AA341465	DBEst	1995205
AA342969	DBEst	1995868
AA343629	DBEst	1996321
AA344084	DBEst	1997564
AA345329	DBEst	1998631
AA346393	DBEst	1999168
AA346698	DBEst	2000122
AA347887	DBEst	2000122
AA350059	DBEst	2002336
AA351507	DBEst	2003027

TABLE 1-1

- CC 1971	DAMADACE	GI NBR
ACC NUM	DATABASE  DBEST  DBEST	2007559
AA355003	DBEst	
AA356682	DBEst	2009000
AA357574	DBEst	2009894
AA358887	DBEst	
AA359705	DBEst	2012096
AA364352	DBEst	2016692 2019769
AA367451	DBEst	2019/69
AA367773	DBEst	2020090
AA368542	DBEst	2021083
AA369400	DBEst	2025755
AA373230	DBEst	2023330
AA374754 AA375312	DBEst DBEst	2027642
AA375815	DBEst	2028133
AA393525	DBEst	2046493
AA394115	DBEst	2047129
AA398443	DBEst	2051755
AA398585	DBEst	2051827
AA398739	DBEst	2051861
AA399165	DBEst	2052960
AA399628	DBEst	2052642
AA401329	DBEst	2053554
AA401334	DBEst	2053559
AA402191	DBEst	2056138
AA402289	DBEst	2056202
AA402775	DBEst	2056528
AA403319	DBEst	2056820
AA404613	DBEst	2058825
AA405124	DBEst	2063536
AA406239	DBEst	2064220
AA410580	DBEst	2069686
AA410982	DBEst	2070088
AA411021	DBEst	2070171
AA411252	DBEst	2068793
AA411764	DBEst	2070352
AA417794	DBEst	2079604 2078976
AA419263 AA419284	DBEst DBEst	2079014
AA420751	DBEst	2094630
AA420758	DBEst	2094637
AA421248	DBEst	2100135
AA421682	DBEst	2100499
AA422060	DBEst	2100893
AA422143	DBEst	2101011
AA425004	DBEst	2107073
AA425468	DBEst	2106322
AA425737	DBEst	2107249
AA429794	DBEst	2113001
AA430400	DBEst	2110974
AA430436	DBEst	2110992
AA431428	DBEst	2115136
AA433988	DBEst	2138902
AA436315	DBEst	2141229
AA436411	DBEst	2141325
AA443024	DBEst	2155699
AA449394	DBEst	2162785
AA451779	DBEst	2165448
AA453878	DBEst	2167547
AA454668	DBEst	2177444
AA454953	DBEst	2177729
AA454962	DBEst	2177738
AA455245	DBEst	2178021 2178561
AA455785	DBEst	T10201

TABLE 1-1

	DAMADA CE	CT MPP
ACC NUM	DATABASE	GI NBR 2179030
AA456454	DBEst	2179133
AA456557	DBEst	2179975
AA457255	DBEst	2180299
AA457579 AA459167	DBEst	2184074
AA459210	DBEst	2184117
AA459527	DBEst	2184434
AA460570	DBEst	2185690
AA460816	DBEst	2185936
AA461005	DBEst	2186125
AA468657	DBEst	2195191
AA469447	DBEst	2194242
AA469453	DBEst	2194248
AA476522	DBEst	2204733
AA477018	DBEst	2205229
AA477567	DBEst	2206201
AA477973	DBEst	2206607
AA478230	DBEst	2206864
AA479646	DBEst	2205532
AA479648	DBEst	2205534 2205734
AA479848	DBEst DBEst	2210630
AA481078 AA481710	DBESt	2211262
AA482430	DBEst	2210108
AA482432	DBEst	2210110
AA482779	DBEst	2211624
AA483258	DBEst	2212071
AA483726	DBEst	2212539
AA483858	DBEst	2212671
AA484181	DBEst	2212994
AA486047	DBEst	2216263
AA486859	DBEst	2217023
AA488141	DBEst	2215572
AA488385	DBEst	2215816
AA488517	DBEst	2215948
AA489323	DBEst	2218925 2218982
AA489380	DBEst DBEst	2218984
AA489382 AA491204	DBEst	2220377
AA492143	DBEst	2221705
AA493371	DBEst	2223212
AA494321	DBEst	2224108
AA494552	DBEst	2224339
AA501657	DBEst	2236624
AA502136	DBEst	2237103
AA505780	DBEst	2241917
AA512933	DBEst	2251356
AA514395	DBEst	2253995
AA514974	DBEst	2254574
AA515143	DBEst	2254743
AA516376	DBEst	2261549
AA521006	DBEst	2264234
AA523522	DBEst	2265676
AA524748 AA524950	DBEst	2265878
AA525141	DBEst	2266069
AA526028	DBEst	2268097
AA527275	DBEst	2269344
AA527557	DBEst	2269626
AA533506	DBEst	2277602
AA534349	DBEst	2278602
AA534586	DBEst	2278839
AA534608	DBEst	2278861

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA535496	DBEst	2279749
AA541651	DBEst	2288085
AA548056	DBEst	2318338
- AA548600	DBEst	2318882
AA550854	DBEst	2321106
AA550855	DBEst	2321107
AA551351	DBEst	2321603
AA551391	DBEst	2321643
AA554437	DBEst	2324976
AA554735	DBEst	2325274
AA555102	DBEst	2325641
AA564272	DBEst	2335911
AA564870	DBEst	2336509
AA565420	DBEst	2337059
AA568936	DBEst	2341990
AA569816	DBEst	2343796
AA569851	DBEst	2343831
AA569916	DBEst	2343896
AA573761	DBEst	2348276
AA573787	DBEst	2348302
AA577537	DBEst	2355011
AA578881	DBEst	2357065
AA579591	DBEst	2357775
AA579890	DBEst	2355217
AA580835	DBEst	2358607
AA582093	DBEst	2360771
AA582866	DBEst	2360226
AA583055	DBEst	2360415
AA583498	DBEst	2368107
AA583567	DBEst	2368176
AA583773	DBEst	2368382
AA584921	DBEst	2367701
AA586755	DBEst	2397569
AA587140	DBEst	2397954
AA587315	DBEst	2398129
AA587873	DBEst	2402048
AA593983	DBEst	2409333
AA594366	DBEst	2409716
AA595624	DBEst	2410974
AA595771	DBEst	2411121
AA599454	DBEst	2433079
AA600227	DBEst	2433852
AA600771	DBEst	2434396
AA601172	DBEst	2434797
AA602395	DBEst	2436373
AA602871	DBEst	2436805
AA603125	DBEst	2436986
AA603177	DBEst	2437038
AA604324	DBEst	2445233
AA604853	DBEst	2445717
AA610279	DBEst	2458707
AA610476	DBEst	2458904
AA610734	DBEst	2459162
AA614482	DBEst	2466678
AA628536	DBEst	2540923
AA628547	DBÉst	2540934
AA630611	DBEst	2553222
AA631326	DBEst	2553937
AA633909	DBEst	2557123
AA634260	DBEst	2557474
AA634298	DBEst	2557512
AA640505	DBEst	2565755
AA641289	DBEst	2566539

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA644625	DBEst	2569843
AA648944	DBEst	2575373
AA651720	DBEst	2583372
AA652478	DBEst	2584130
AA652505	DBEst	2584157
AA653775	DBEst	2589929
AA658374	DBEst	2594528
AA663005	DBEst	2616996
AA669154	DBEst	2630653
AA677560	DBEst	2658082
AA677750	DBEst	2658272
AA678185	DBEst	2658707
AA678251	DBEst	2658773
AA687495	DBEst	2675686
AA703208	DBEst	2706321
AA703667	DBEst	2713585
AA703907	DBEst	2713825
AA704208	DBEst	2714126 2716265
AA706347	DBEst	2716263
AA714010	DBEst DBEst	2728258
AA715984 AA716651	DBEst	2728925
AA710631 AA719530	DBEst	2732629
AA721642	DBESt	2736625
AA729381	DBEst	2750740
AA731946	DBEst	2753897
AA736817	DBEst	2768051
AA742713	DBEst	2782219
AA743278	DBEst	2782784
AA744681	DBEst	2783445
AA745953	DBEst	2785939
AA759195	DBEst	2807058
AA767779	DBEst	2818794
AA769697	DBEst	2820935
AA773998	DBEst	2825887
AA775058	DBEst	2834392
AA776593	DBEst	2835927
AA777384	DBEst	2836715
AA778672	DBEst	2838003
AA779949	DBEst	2839280 2840818
AA781487 AA788907	DBEst DBEst	2849027
AA806278	DBEst	2875028
AA806735	DBEst	2875485
AA808769	DBEst	2878175
AA810149	DBEst	2879555
AA811609	DBEst	2881220
AA813604	DBEst	2882289
AA826307	DBEst	2899619
AA833766	DBEst	2908534
AA833900	DBEst	2907499
AA837457	DBEst	2912656
AA843531	DBEst	2930049
AA845737	DBEst	2931877
AA846698	DBEst	2932838
AA846856	DBEst	2932996
AA852896	DBEst	2939635
AA856902	DBEst	2945204
AA857824	DBEst	2946126
AA857882	DBEst	2946184
AA861665	DBEst	2953805
AA865960	DBEst	2958236
AA868529	DBEst	2963974

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AA873271	DBEst	2969393
AA877189	DBEst	2986266
AA884922	DBEst	2994903
AA886453	DBEst	3001561
AA906652	DBEst	3042238
AA906865	DBEst	3042109
AA918993	DBEst	3058883
AA926926	DBEst	3075823
AA928934	DBEst	3078291
AA932501	DBEst	3087282
AA933987	DBEst	3090255
AA935947	DBEst	3093104
AA937302	DBEst	3095413
AA937773	DBEst	3095884
AA947835	DBEst	3109088
AA954939	DBEst	3118634
AA962587	DBEst	3134751
AA962632	DBEst .	3134796
AA972525	DBEst	3145289
AA976489	DBEst	3152281
AA983380	DBEst	3161905
AA984586	DBEst	3163111
AA992596	DBEst	3179352
AB002305	GenBank	2224554 2224604
AB002330	GenBank GenBank	2224604
AB002357	GenBank GenBank	2780782
AB002806	GenBank	2081606
AB003476 AB004066	GenBank	2308996
AB004066 AB006077	GenBank	2564010
AB006534	GenBank	2924619
AB006755	GenBank	2979417
AB007867	GenBank	2662094
AB007900	GenBank	2662160
AB007916	GenBank	6683704
AB007923	GenBank	3413869
AB007957	GenBank	3413931
AB011103	GenBank	3043585
AB011143	GenBank	3043665
AB011151	GenBank	3043681
AB011166	GenBank	3043711
AB014533	GenBank	3327079
AB014542	GenBank	3327097
AB014560	GenBank	3327133
AB015630	GenBank	4586837
AB015856	GenBank	3953530 3882196
AB018281	GenBank GenBank	3882202
AB018284	GenBank	3882204
AB018285	GenBank GenBank	3882212
AB018289 AB018305	GenBank	3882244
AB018303	GenBank	3882288
AB018327 AB018331	GenBank	3882296
AB018337	GenBank	3882308
AB019337 AB019409	GenBank	4587128
AB019563	GenBank	3885366
AB019568	GenBank	3885371
AB019691	GenBank	5051742
AB020682	GenBank	4240238
AB020718	GenBank	4240310
AB021288	GenBank	4038732
AB023154	GenBank	4589517
AB023219	GenBank	4589647

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AB024704	GenBank	4589928
AB027467	GenBank	6172222
AB027467 AB028069	GenBank	4996095
AB028624	GenBank	5103045
AB028969	GenBank	5689428
AB028986	GenBank	5689462
AB028986 AB029000	GenBank	5689490
AB029004	GenBank	5689498
AB029004 AB029028	GenBank	5689546
AC03044	N/A	N/A
AC31479	N/A	N/A
AF000670	GenBank	3153911
AF000974	GenBank	2232135
AF001893	GenBank	2529723
AF004562	GenBank	3041872
AF006043	GenBank	2674061
AF007135	GenBank	2852610
AF007151	GenBank	2852629
AF007170	GenBank	2865251
AF009615	GenBank	2393946
AF013759	GenBank	3153208
AF013988	GenBank	2318114
AF015283	GenBank	2384720
AF015767	GenBank	2353176
AF016507	GenBank	2909776
AF016582	GenBank	2367668
AF017790	GenBank	2501872
AF019767	GenBank	3510461
AF021351	GenBank	2460207
AF021819	GenBank	2460317
AF022229	GenBank	2809382
AF023266	GenBank	4103447
AF025439	GenBank	2815605
AF026166	GenBank	4090928
AF026939	GenBank	2612967
AF027205	GenBank	2598967 2606093
AF031385	GenBank GenBank	4426566
AF034607 AF035286	GenBank	2661038
AF035266 AF035309	GenBank	2661070
AF035313	GenBank	2661075
AF037204	GenBank	2906012
AF038661	GenBank	3132897
AF039019	GenBank	2828109
AF039291	GenBank	4104738
AF039843	GenBank	2809399
AF040990	GenBank	2804783
AF041483	GenBank	3493528
AF042385	GenBank	2828148
AF042729	GenBank	7770717
AF044588	GenBank	2865520
AF045184	GenBank	3417598
AF047438	GenBank	3335131
AF047472	GenBank	2921872
AF048977	GenBank	3005586
AF050171	GenBank	5668577
AF050199	GenBank	2961556
AF050639	GenBank	4164453
AF052124	GenBank	3360431
AF052135	GenBank	3360444
AF052149	GenBank	3360459
AF052164	GenBank	3360475
AF052169	GenBank	3360480

TABLE 1-1

ACC_NUM	DATABASE	GI NBR
AF052180	GenBank	3360492
AF052514	GenBank	3510662
AF054183	GenBank	4092053
AF054187	GenBank	4092059
AF054840	GenBank	2997744
AF055012	GenBank	3005735
AF055033	GenBank	3005763
AF057299	GenBank	5739040
AF059252	GenBank	3372629
AF061258	GenBank	3108092
AF062318	GenBank	3152814
AF063611	GenBank	4731856
AF064019	GenBank	3347856
AF068235	GenBank	4321975
AF068846	GenBank	3201999
	GenBank	3764088
AF070523	GenBank	3387894
AF070537	GenBank	3387920
AF070555		3387928
AF070561	GenBank	
AF070596	GenBank	3387973
AF070600	GenBank	3387979
AF070626	GenBank	3283892
AF070649	GenBank	3283923
AF070662	GenBank	4454699
AF070672	GenBank	3978239
AF071202	GenBank	3335172
AF071219	GenBank	3288867
AF071593	GenBank	3249712
AF073298	GenBank	3641537
AF075587	GenBank	3319325
AF077030	GenBank	4689107
AF077045	GenBank	4689137
AF077200	GenBank	4679013
AF077202	GenBank	4679017
AF077207	GenBank	4679027
AF081192	GenBank	3420798
AF081484	GenBank	3420928
AF083190	GenBank	3599414
AF085355	GenBank	5114044
AF086003	GenBank	3483348
AF086116	GenBank	3483461
AF086178	GenBank	3483523
AF086205	GenBank	3483550
AF086207	GenBank	3483552
AF086336	GenBank	3483681
AF086517	GenBank	3483862
AF087135	GenBank	3641297
AF087990	GenBank	3523196
	GenBank	3523242
AF088036	GenBank	3859989
AF091076	00	3851583
AF092563	GenBank	
AF095287	GenBank	3766235
AF095791	GenBank	3777595
AF097709	GenBank	3777616
AF100741	GenBank	5138992
AF100756	GenBank	5410297
AF100928	GenBank	4323586
AF104222	GenBank	3983426
AF104913	GenBank	3941723
AF104923	GenBank	4680483
AF107405	GenBank	5531903
AF120334	GenBank	4191615
AF124438	GenBank	4838431

92

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AF124439	GenBank	4838433
AF124439 AF125525	GenBank	4689281
AF131799	GenBank	4406628
	GenBank	4406648
AF131814	GenBank	4894945
AF139461	GenBank	4894940
AF139658	GenBank	5006628
AF144755		4761682
AF147331	GenBank	5020252
AF150962	GenBank	4929616
AF151832	GenBank	4929688
AF151868	GenBank	
AF151898	GenBank	4929748
AF151907	GenBank	4929766
AF152097	GenBank	4929772
AF159295	GenBank	5714635
AF176702	GenBank	6103642
AF190744	GenBank	6176531
AI004664	DBEst	3214174
AI004915	DBEst	3214425
AI016073	DBEst	3230409
AI016323	DBEst	3230659
AI016791	DBEst	3231127
AI018451	DBEst	3232970
AI018625	DBEst	3233144
AI022779	DBEst	3238020
AI023799	DBEst	3238843
AI026164	DBEst	3241777
AI027516	DBEst	3246446
AI031636	DBEst	3249848
AI033037	DBEst	3253990
AI034115	DBEst	3255068
AI037859	DBEst	3277053
AI041670	DBEst	3280864
AI042034	DBEst	3281228
AI042290	DBEst	3281484
AI051971	DBEst	3307962
AI056917	DBEst	3330706
AI057124	DBEst	3331000
AI066419	DBEst	3367121
AI078041	DBEst	3412449
AI081116	DBEst	3417908
AI081472	DBEst	3418264
AI081913	DBEst	3418705
AI082244	DBEst	3419036
AI082648	DBEst	3419440
AI084731	DBEst	3423154
AI085381	DBEst	3423804
AI087291	DBEst	3425714
AI087819	DBEst	3426852
AI088178	DBEst	3427256
AI089981	DBEst	3429040
AI090524	DBEst	3429583
AI090623	DBEst	3429682
AI091425	DBEst	3430484
AI092971	DBEst	3431947
AI095477	DBEst	3434453
AI123229	DBEst	3538995
AI125642	DBEst	3594156
AI125874	DBEst	3594388
AI127013	DBEst	3595527
AI127556	DBEst	3596070
AI140291	DBEst	3647748
AI141130	DBEst	3648587

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AI141847	DBEst	3649304
A1143899	DBEst	3665708
AI144100	DBEst	3665909
AI148251	DBEst	3675933
AI149429	DBEst	3677898
AI149592	DBEst	3678061
A1186028	DBEst	3736666
		3736680
AI186042	DBEst	
AI190341	DBEst	3741550
AI192367	DBEst	3743576
AI192629	DBEst	3743838
AI198930	DBEst	3751536
AI216969	DBEst	3789623
AI217003	DBEst	3789657
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AI223292	DBEst	3805495
AI241706	DBEst	3837103
AI251743	DBEst	3848272
AI252466	DBEst	3848995
AI253330	DBEst	3850451
AI253335	DBEst	3850456
		3850459
AI253338	DBEst	
AI253375	DBEst	3850496
AI253379	DBEst	3850500
AI253436	DBEst	3850391
AI262380	DBEst	3870583
AI263674	DBEst	3871877
AI267162	DBEst	3886329
A1267162 A1267185	DBEst	3886352
AI267209	DBEst	3886376
AI267289	DBEst	3886456
AI267307	DBEst	3886474
AI267321	DBEst	3886488
AI267454	DBEst	3886621
AI267502	DBEst	3886669
A1268293	DBEst	3887460
		3888227
AI269060	DBEst	
AI269369	DBEst	3888536
AI270183	DBEst	3889350
AI270472	DBEst	3889639
AI271786	DBEst	3890953
AI272827	DBEst	3895095
AI274047	DBEst	3896315
AI276341	DBEst	3898615
		3899113
AI276839	DBEst	
AI278611	DBEst	3916845
AI280022	DBEst	3918255
AI283548	DBEst	3921781
AI288965	DBEst	3931274
AI290565	DBEst	3933339
AI291683	DBEst	3934457
		3935060
AI292286	DBEst	
AI298472	DBEst	3958208
AI298941	DBEst	3958595
AI304857	DBEst	3988546
AI308959	DBEst	4003830
AI312552	DBEst	4018157
AI333055	DBEst	4069614
	DBESt	4069675
AI333116	:	
AI335249	DBEst	4072176
AI336326	DBEst	4073253
AI345325	DBEst	4082531
AI366549	DBEst	4126238
AI366549	DBEst	4126238
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TABLE 1-1

ACC NUM	DATABASE	GI NBR
AI367850	DBEst	4137595
AI375624	DBEst	4175614
AI375624	DBEst	4175614
AI376561	DBEst	4186410
AI399636	DBEst	4242723
AI417384	DBEst	4260888
AI421720	DBEst	4267651
AI424841	DBEst .	4270772
AI431507	DBEst	4303669
AI433180	DBEst	4287371
A1434084	DBEst	4293703
AI434401	DBEst	4295922
A1436016	DBEst	4307232
A1436016 A1436448	DBEst	4281781
	DBEst	4295666
AI446503		4308687
AI453199	DBEst	
AI459028	DBEst	4311607
AI469237	DBEst	4331327
AI492520	DBEst	4393523
AI492769	DBEst	4393772
AI494344	DBEst	4395347
AI523940	DBEst	4438075
AI524677	DBEst	4438812
AI538682	DBEst	4452817
AI557059	DBEst	4489422
AI561260	DBEst	4511601
AI567988	DBEst	4526440
AI569715	DBEst	4533089
AI581291	DBEst	4565667
AI583211	DBEst	4569108
AI583570	DBEst	4569467
AI589301	DBEst	4598349
AI597938	DBEst	4606986
AI608591	DBEst	4617758
AI608787	DBEst	4617954
AI608968	DBEst	4618135
AI609193	DBEst	4618360
AI609281	DBEst	4618448
AI623804	DBEst	4648735
AI628689	DBEst	4665489
AI636635	DBEst	4687965
A1650837	DBEst	4734816
AI654096	DBEst	4738075
A1660245	DBEst	4763815
AI669253	DBEst	4834027
AI670084	DBEst	4834858
AI674313	DBEst	4874793
AI678152	DBEst	4888334
AI678703	DBEst	4888885
AI679044	DBEst	4889226
AI679321	DBEst	4889503
AI683140	DBEst	4893322
AI683338	DBEst	4893520
AI683793	DBEst	4893975
AI688798	DBEst	4900092
AI692866	DBEst	4970206
A1694087	DBEst	4971427
A1696819	DBEst	4984719
A1697501	DBEst	4985401
A1734922	DBEst	5056446
A1735069	DBEst	5056668
A1739337	DBEst	5101318
AI739377	DBEst	5101358

TABLE 1-1

200 34194	DATABASE	GI NBR
ACC NUM		5111883
AI743595	DBEst	5111003
AI743691	DBEst	5128462
AI750198	DBEst	5129173
AI750909	DBEst	
AI751119	DBEst	5129306
AI751364	DBEst	5129628
AI751565	DBEst	5129829
AI752319	DBEst	5130583
AI752553	DBEst	5130817
AI752929	DBEst	5131193
AI753108	DBEst	5131372
AI753671	DBEst	5131935
AI754437	DBEst	5132701
AI755181	DBEst	5133445
AI758869	DBEst	5152594
AI761927	DBEst	5177594
AI763126	DBEst	5178793
AI791906	DBEst	5339622
AI793120	DBEst	5340836
AI799521	DBEst	5364993
AI804346	DBEst	5369818
AI808109	DBEst .	5394597
AI811021	DBEst	5397587
AI811845	DBEst	5398411
AI814139	DBEst	5425354
AI814674	DBEst	5425889
AI815868	DBEst	5431414
AI822030	DBEst	5441109
AI827641	DBEst	5448312
AI859619	DBEst	5513235
AI864580	DBEst	5528687
AI878968	DBEst	5553017
AI879179	DBEst	5553228
AI879367	DBEst	5553416
AI879992	DBEst	5554041
AI888377	DBEst	5593464
AI911704	DBEst	5631559
AI911997	DBEst	5631852
AI912084	DBEst	5631939
AI916284	DBEst	5636229
AI916584	DBEst	5636439
AI923224	DBEst	5659188
AI924096	DBEst	5660060
AI928185	DBEst	5664149
AI929819	DBEst	5665783
AI936748	DBEst	5675618
AI950087	DBEst	5742397
AI955808	DBEst	5748118
AJ001258	GenBank	2769648
AJ002030	GenBank	2570006
AJ006026	GenBank	3127893
AJ011001	GenBank	4456466
AJ011915	GenBank	3757675
AJ012499	GenBank	5441359
AJ223183	GenBank	3925598
AL035802	DBEst	5927582
AL035987	DBEst	5405617
AL036801	DBEst	5927917
AL037646	DBEst	5928237
AL038985	DBEst	5408101
AL039150	DBEst	5408232
AL041780	DBEst	5421127
AL044019	DBEst	5432247

TABLE 1-1

ACC NUM	DATABASE	GI NBR
AL045804	DBEst	5434866
AL049055	DBEst	4728364
AL049227	GenBank	4499957
AL049229	GenBank	4499961
AL049296	GenBank	4500057
AL049464	GenBank	4500256
AL049953	GenBank	4884201
AL049954	GenBank	4884203
AL049955	GenBank	4884205
AL049959	GenBank	4884211
AL049987	GenBank	4884238
AL049999	GenBank	4884252
AL050011	GenBank	4884080
AL050089	GenBank	4884107
AL050141	GenBank	4884352
AL050171	GenBank	4884383
AL050187	GenBank	4884402
AL050198	GenBank	4884436
AL050217	GenBank	4884458
AL050392	GenBank	4914613
AL080062	GenBank	5262466
AL080186	GenBank	5262664
AL080235	GenBank	5262728
AL096857	GenBank	5541862
AL096858	GenBank	5541864
AL110197	GenBank	5817115
AL110235	GenBank	5817176
AL117237	GenBank	5834563
AL117499	GenBank	5912003
AL117534	GenBank	5912062
AL118999	DBEst	5924898
AL119085	DBEst	5924984
AL119157	DBEst	5925056
AW020479	DBEst	5874009
AW044114	DBEst	5904643
AW102841	DBEst	6073454
C02094	DBEst	1434324
C16886	DBEst	1571593
C18886	DBEst	1580488
D00017	GenBank	219909
D00022	GenBank	219653
D00068	GenBank	220080
D00099	GenBank	219941
D00422	GenBank	220063
D10495	GenBank	520586
D13119	GenBank	285909
D13287	GenBank	496370
D13665	GenBank	393318
D13866	GenBank	433410
D14662	GenBank	285948
D14697	GenBank	285964
D14710	GenBank	559324
D14812	GenBank	285968
D15049	GenBank	475003
D16431	GenBank	598955
D16937	GenBank	598856
D17188	GenBank	598702
D17268	GenBank	598899
D17409	GenBank	2335046
D17793	GenBank	457407
D21063	GenBank	434752
D23660	GenBank	432358
D25542	GenBank	662389

TABLE 1-1

ACC NUM	DATABASE	GI MBR
D28759	GenBank	633074
D28739 D29677	GenBank	473938
D31767	GenBank	505091
D31784	GenBank	974184
D31883	GenBank	505093
D31890	GenBank	505107
D37991	GenBank	1019367
D38491	GenBank	559327
D38583	GenBank	560790
D43948	GenBank	603950
D43950	GenBank	603954
D45248	GenBank	1008914
D45887	GenBank	665587 1483130
D45915	GenBank GenBank	1136742
D49489 D49547	GenBank	710654
D50310	GenBank	1183161
D50371	GenBank	2605591
D55192	DBEst	957089
D55649	GenBank	1132478
D56120	DBEst	970603
D59253	GenBank	1060898
D78586	GenBank	1228048
D79826	DBEst	1180177
D79983	GenBank	1136383
D79986	GenBank	1136389
D79997	GenBank	1136409 1136427
D80006	GenBank GenBank	1136427
D80012 D80087	DBEst	1177964
D80253	DBEst	1178130
D81635	DBEst	1179512
D82128	DBEst	1183520
D82348	GenBank	1311461
D83197	GenBank	3893154
D83327	GenBank	2687860
D83784	GenBank	1663695
D86227	GenBank	2081619
D87437	GenBank	1665768
D87442	GenBank GenBank	1665772 1665822
D87470 D87666	GenBank	1620016
D87667	GenBank	1620019
D87682	GenBank	1663699
D87735	GenBank	1620021
D87969	GenBank	1694636
D89052	GenBank	1694672
D90226	GenBank	219946
D90373	GenBank	219477
E00882	GenBank	2169143
E01650	GenBank	2169903
E01797	GenBank	2170049
E01813	GenBank GenBank	2170065 2170079
E01827 E01979	GenBank GenBank	2170079
E01979 E02628	GenBank	2170856
E02651	GenBank	2170879
E03569	GenBank	2171785
E06721	GenBank	2174903
E07218	GenBank	2175359
F28779	DBEst	4814405
F30276	DBEst	4815902
F31082	DBEst .	4816708

TABLE 1-1

ACC NUM	DATABASE	GI NBR
H03854	DBEst	866787
H05412	DBEst	868964
H08994	DBEst	873816
H13339	DBEst	878159
H16426	DBEst	881246
н39960	DBEst	916012
H48742	DBEst	988582
н59372	DBEst	1012204
H60722	DBEst	1013554
н69238	DBEst	1030614
H72481	DBEst	1044297
н75695	DBEst	1049638
н78517	DBEst	1056606
н79084	DBEst	1057173
н84729	DBEst	1063923
н85709	DBEst	1067288
н89654	DBEst	1080084
J00269	GenBank	186699 184229
J02621	GenBank	183183
J03005	GenBank GenBank	338312
J03040 J03171	GenBank	184645
J03171 J03191	GenBank	190385
J03191 J03210	GenBank	180670
J03464	GenBank	179595
J03473	GenBank	337423
J03799	GenBank	186840
J04080	GenBank	179645
J04164	GenBank	177801
J04177	GenBank	179729
J04765	GenBank	189404
J05013	GenBank	182417
J05021	GenBank	340216
J05192	GenBank	178026
Ј05633	GenBank	186504
K00558	GenBank	340020 187721
K01566	GenBank GenBank	179664
K02765	GenBank	189904
L00160 L02547	GenBank	180598
L05092	GenBank	388031
L05186	GenBank	182394
L07633	GenBank	186512
L11066	GenBank	307322
L11932	GenBank	307423
L12711	GenBank	388890
L13848	GenBank	307382
L14599	GenBank	348238
L19161	GenBank	306899
L19184	GenBank	440305
L19597	GenBank	306467
L20941	GenBank	507251
L23959	GenBank	414316
L26081	GenBank	799328 452059
L27560	GenBank GenBank	452059
L28010	GenBank GenBank	454151
L28809 L33404	GenBank	521214
L33930	GenBank	500848
L34155	GenBank	551596
L34839	GenBank	1220373
L38486	GenBank	790816
L42024	GenBank	804748

TABLE 1-1

P.CC DITM	DATABASE	GI NBR
L43575	GenBank	899064
L44349	DBEst	1048859
L54057	GenBank	1196416
M10036	GenBank	339840
M10119	GenBank	182517
M10905	GenBank	182696
M11146	GenBank	182504
M13573	GenBank	189663
M13955	GenBank	186729
M14083	GenBank	189566
M14483	GenBank	339692
M14630	GenBank	339690
M14631	GenBank	183416
M15182	GenBank	183232
M15800	GenBank	187297
M16247	GenBank	178044
M16553	GenBank	339503 184420
M16660	GenBank	184300
M16937	GenBank GenBank	340057
M17597 M17885	GenBank	190231
M20372	GenBank	189372
M22146	GenBank	337929
M22382	GenBank	190126
M22590	GenBank	179418
M22918	GenBank	189019
M22920	GenBank	189021
M23613	GenBank	189271
M24194	GenBank	187701
M25246	GenBank	340233
M26041	GenBank	188134
M26152	GenBank	1160968
M26325	GenBank	186688
M27913	GenBank	339807
M27971	GenBank	187621 609448
M28373	GenBank GenBank	183115
M31159	GenBank	188589
M31212 M31899	GenBank	182178
M32110	GenBank	189421
M32790	GenBank	180804
M32798	GenBank	180856
M33308	GenBank	340236
M34064	GenBank	416292
M37583	GenBank	184059
M38106	GenBank	189169
M55409	GenBank	189596
M55542	GenBank	183001
M58485	GenBank	180154
M60457	GenBank	181249
M60854	GenBank	338446
M62403	GenBank	184815 188563
M62810	GenBank GenBank	190813
M64241	GenBank	182672
M67468 M69181	GenBank	641957
M74002	GenBank	178996
M75126	GenBank	184020
M76729	GenBank	189519
M78113	DBEst	273850
M81757	GenBank	337732
M83248	GenBank	189150
M84739	GenBank	179881

PCT/US00/24199 WO 01/18542 100

TABLE 1-1

ACC NUM	DATABASE	GI NBR
M87503	GenBank	184652
M88279	GenBank	186389
M92357	GenBank	306463
N20576	DBEst	1125531
N34255	DBEst	1155397
N35187	DBEst	1156329
N35421	DBEst	1156563
N39717	DBEst	1163262
N40823	DBEst	1164420
N40852	DBEst	1164449
N67927	DBEst	1220052
N76180	DBEst	1238758
N76677	DBEst	1239255
N77080	DBEst	1239658
N84497	DBEst	1260122
N86776	DBEst	1439978
N91638	DBEst	1263947
N92086	DBEst	1264395
N99205	DBEst	1270661
037741	N/A	N/A
Q48043	N/A	N/A
Q65676	N/A	N/A
Q90526	N/A	N/A
R06046	DBEst	756666
R17092	DBEst	770702
R47228	DBEst	808115
R55150	DBEst	824379
R55398	DBEst	824693
R68132	DBEst	841649
R72676	DBEst	846708
R73306	DBEst	847338 853443
R78333	DBEst	959907
R92367	DBEst DBEst	967803
R93637 R99649	DBESt	986250
S41458	GenBank	252252
S42303	GenBank	253482
S54005	GenBank	264772
S66431	GenBank	435777
S70154	GenBank	546900
S70290	GenBank	546602
S79895	GenBank	1195555
S82076	GenBank	1488423
T02792	DBEst	319308
T24119	DBEst	523315
T49314	DBEst	651174
T53479	DBEst	655339
T58797	DBEst	660634
T64560	DBEst	673605
Т66112	DBEst	675157
Т92160	DBEst	724073
Т92396	DBEst	724309
U00947	GenBank	405049
U04815	GenBank	507157
007151	GenBank	460624
U07857	GenBank	469048 478884
U08470	GenBank ConBank	532312
U10323	GenBank GenBank	577169
U10439	GenBank GenBank	562073
U12465	GenBank	606922
U13665	GenBank	606943
U13877 U14550	GenBank	565079
074770		

TABLE 1-1

ACC NUM	DATABASE	GI NBR
U14966	GenBank	550012
U15008	GenBank	600747 608514
U16306 U17104	GenBank GenBank	609307
U17496	GenBank	596139
U19769	GenBank	924600
U20896	GenBank	1046220
U22431	GenBank	881345
U22815	GenBank	930340
U24105	GenBank	1638873
U24153	GenBank	780807
U27768	GenBank	1216372
U33760	GenBank	995823
U33833	GenBank	1517815 1143231
U34877	GenBank GenBank	1066081
U39361 U41515	GenBank	1209723
U46570	GenBank	1688073
U50733	GenBank	1255187
U51586	GenBank	1809247
U56255	GenBank	1399688
U59305	GenBank	1695872
U60975	GenBank	5030423
U61083	GenBank	4097430
U61397	GenBank	1518693
U63846	GenBank	1480921
U67784	GenBank	1617516
U68723	GenBank GenBank	2114391 2052384
U68727 U68758	GenBank	4097815
U70735	GenBank	2360944
U77085	GenBank	1684789
U79258	GenBank	1710211
U79274	GenBank	1710240
บ79278	GenBank	1710247
U80213	GenBank	1857418
U81234	GenBank	4098960 1772663
U82130	GenBank GenBank	1835785
U86602 U87309	GenBank	1842092
U90028	GenBank	2745975
U90441	GenBank	2439984
U90902	GenBank	1913880
U90917	GenBank	1913898
U94831	GenBank	2276459
V00478	GenBank	28244
V00503	GenBank	30123
V05728	N/A	N/A N/A
V11636	N/A	** / *
V57903 V59662	N/A N/A	N/A N/A
V59746	N/A	N/A
V84428	N/A	N/A
V86232	N/A	N/A
V87930	N/A	N/A
W07215	DBEst	1281217
W19127	DBEst	1294870
W19407	DBEst	1295308
W19441	DBEst	1295361
W25547	DBEst	1303421 1306608
W26197	DBEst DBEst	1320872
W38952 W56388	DBEst	1358278
110000		

PCT/US00/24199 WO 01/18542 102

TABLE 1-1

ACC NUM	DATABASE	GI NBR
W68015	DBEst	1376884
W73140	DBEst	1383275
w73168	DBEst	1383322
W76204	DBEst	1386429
W87522	DBEst	1401728
W87891	DBEst	1401976
x00351	GenBank	28251
x00497	GenBank	32130
X01742	GenBank	35324
x01924	N/A	N/A
x03084	GenBank	29537
X04098	GenBank	28338
X04408	GenBank	31914
X04470	GenBank	28638
X05276	GenBank	37201
X05908	GenBank	34387
x06700	GenBank	30053
x07819	GenBank	35798
X13425	GenBank	31590
X14420	GenBank	30057
X15729	GenBank	38317
X15880	GenBank	30029
X16869	GenBank	31091
X17206	GenBank	34391
X24068	N/A	N/A
X37385	N/A	N/A
x37509	N/A	N/A
X40178	N/A	N/A
X51466	GenBank	31105
X53505	GenBank	36145
X54304	GenBank	34755
X54941	GenBank	29976
X55110	GenBank	35086
X55885	GenBank	34030
X56932	GenBank	23690
X56998	GenBank	37564
X56999	GenBank	37568
X57766	GenBank	456256
X62744	GenBank	36062
X63432	GenBank	28335
X66360	GenBank	36616
X67698	GenBank	37476
X68277	GenBank	29980
X68880	GenBank	31141
X69398	GenBank	396175
X69838	GenBank	287864
X70340	GenBank	37089
X71087	GenBank	288396
X73608	GenBank	793844
X73902	GenBank	452754
X74039	GenBank	456192
X74801	GenBank	671526
X74979	GenBank	400462
X76013	GenBank	531595
X76180	GenBank	452649
X78627	GenBank	607129
X81109	GenBank	535057
X82676	GenBank	3929753
X84939	GenBank	695548
X85373	GenBank	806565
X93036	GenBank	1085025
X93207	GenBank	2462486
X94323	GenBank	1213612

TABLE 1-1

ACC NUM	DATABASE	GI NBR
X94754	GenBank	1702931
X97324	GenBank	1806039
x99920	GenBank	1694827
Y00503	GenBank	34038
Y00757	GenBank	23910
Y00815	GenBank	34266
Y09188	GenBank	2230868
Y11435	GenBank	2910996
Y12065	GenBank	2230877
Y13247	GenBank	2117158
Y13286	GenBank	2853173
Y15286	GenBank	2584788
Y17114	GenBank	4160551
Z18538	GenBank	28711
Z18954	GenBank	396706
219054	GenBank	38519
Z21507	GenBank	38521
Z26317	GenBank	416177
Z29093	GenBank	732799
<b>Z316</b> 96	GenBank	479156
Z32564	GenBank	473235
Z36531	GenBank	535184
237986	GenBank	780262
<b>Z46629</b>	GenBank	758102
Z47087	GenBank	860989
Z74615	GenBank	1418927

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	Other	LID not found	Overy	Placenta	Other	LiD not found	Ovary	CID not found		LID not tound	200	Other	Mineste	Muscie Other	8 e	I ID act found		LID not found	Color	Cervix	Other	LID not found		Other	Other			Prostate	Other	other other	Ciner		Vanoie embryo	Breast	Other	Pool	Other	LID not found	LID not found	Other	Other	Other	Cund.	Acrenes giend	Darathumid	Docuthyroid	No. of the last	Minning.	MUSCH Whole embac	Tallers comerge	Layrx	Adrenal gland
	LID not found Other	P80	Breast	Whole embryoPlacenta	Ē	Placenta		000	į		SS	LID not found Other		I Doct found	Misch	Dud	3	Pool			LID not found Other	Lug		LID not found Other	LID not found Other			Pooi	UD not found Other	LID not found Other	CID not found		5 6	Bood	LID not tound Other	Foreskin Pool	LID not found	<u>8</u>	Bram	LID not found Other	LiD not found Other	LID not found	No.	660	Physical me	2004	Thomas	Darrett	Herainyrou		Stomach	
	75.41 Pool	Placenta	Pooled	253.8 Pooled	183.65 Pool	Pooled	374.98 Tonsil	14.49 Pancress	225.9	Aorte	54.46 Breast	475.18 Placenta	206.56 27 40 Cell thedder	127.46 GBI DISTORY	712 07 Panress	530 SA Kidney	100.00 (Maile)	Parathyroid	Smooth musc	707.84	136.36 Pool	<u>8</u>	240.08	8	174.05 Pool	307.47	590.63	Testis	8	8	8	148.31 Pool	347.66 Pooled	Marrow	85.25 Pool	67.01 CNS	246.56 Pool	Overy	Pool	361.71 Pool	227.19 Pool	194.27 Pool		Ceach	Manual Thursial man Thursial	464 OF Concett miss.	317 31 Soloon	יים כאובמו	Eye 400 87 Escohadus	430.01 Loopinger	96.87 Escohegus	421.81 -
	-			<b>*</b>	_		æ ·	2 :	12	;	= 1	2 :	200	Ď	ç	3 "	•			-	z		£		-	4	-				•	٠,	٠ ç	<u>.</u>	-	=	12			9	ē.	ē, n	n		ţ		o >	<	•	r	-	5
2A	3.00	00.0	9.0	8.0	8.0	8.0	8	800	0.00	3.00	0.00	9.7	8.0	9 9	8 5	900	3 6	200	000	8.	0.00	2.00	2:00	3.00	1.00	1.00	6.0	3.00	0.0	0.0	8:	8 8	8 6	88	000	00:0	0.00	0.00	2.00	0 S	1.0	8.0	2.00	9 6	3 8	8 8	8 8	3 8	3 8	8 8	00.0	0.00
Table 2A	5.00	1.00	00.4	8.8	2.8	9.	3.8	5.00	0.00	0.7	8.	8 8	8 8	9 6	3 5	5 6	8 6	2 00	90.5	000	1.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	6.00	2.00	0.5	00.	8.5	9 6	200	3.00	1.00	5.00	8	9.00	90	8 2	8 6	90.6	8 5	8 5	3 5	3 8	8 8	3 2	800	5.00
	6.98	5.40	15.68	6.95	1.06	5.07	8.01	5.43	9.25	6.55	8.05	6.05	7.03	9.50	50.0		0 6	60.0	13.17	9,13	5.02	6.04	13.92	5.45	5.30	5.81	12.09	7.28	8 02	6.12	7.60	707	9 90	133	7.59	7.08	5.84	7.85	<b>6</b> .20	20.44	6.53	12.83	3	10.19	3.02	n e	3.20	9.5	4.0.4	8.36	11.15	21.88
	185.68	48.82	22.38	500.58	78.19	14.73	25.58	38.50	237.06	165.78	128.20	1094.00	348.37	101.8 8.101	1082.84	20.02	25.25	32.05	41.15	114.03	16.00	119.09	307.62	63.74	135.80	122.87	105.10	582.47	308.84	18.86	131.76	14.68	25.50	40.18	132.42	22.61	59.26	53.36	354.88	376.08	266.49	116.99	CR:917	8.5	30.00	: S	18.35 18.35	90.00	78.05	3 5	86.78	441.68
	8	6.0	6.	72.02	1.8	2.90	3.19	7.10	25.64	25.31	15.68	180.89	49.58	19.24	178.55	7 7	10.47	, K	3.12	12.49	3.19	19.71	22.10	8	25.61	13.98	8.69	93.73	38.26	3,08	17.34	208	- E	18.5	17.45	3.19	10,15	6.71	38.58	18.40	40.82	9.12	85.75 5.30	5.96 2.96	6.73	5.5	80.8		9. S	12.73	7.78	20.09
	198484	R39745	H43317	R26798	T98511	R37884	R06362	R10185	T98529	T67652	T67022	R25464	R08153	WESES	188458	70000	N88028	N72510	AA481521	AA010158	W01484	N74055	T89896	N63753	H48360	R70462	W87752	N74360	R92865	N54036	T81574	W02624	H04382	H70KGG	N74365	T84084	H54622	N75735	R06642	R93007	180991	H50747	K9/031	180978	710061	-	H0/968	671001	H17882	R01428	AA410285	AA489743
	122126	138933	186918	132569	122170	137647	128234	128833	123085	68753	66550	132323	127173	416833	122161	1000	00000	245489	795856	430153	294444	298741	110503	292965	201030	141768	417,251	296149	196837	247194	111054	296141	149373	130222	296188	111264	203227	244350	126438	196636	111834	194307	115102	109123	20002	00077	23715	70807	50182	123790	753313	823696
	247	248	249	254	255	258	259	281	283	<b>5</b> 92	266	568	273	278	507	3 5	9 6	8 8	28	288	282	30.	303	38	338	31	316	317	321	333	338	342	643	3 2	8	353	357	362	363	98 1	37.	373	3/3	8	9 6	745	5 5	716	4 :	423	427	446

age 2 of 9

_	153692 AA053051 9.68 1534112 AA41124 5.50 153412 R77779 103.88 153692 AA06601 51.10 260362 AA26424 7.10 260363 AA26423 4.16 24237 R7223 4.16 24234 R7223 4.16 24235 W88537 4.06 25235 M88537 1.27 25237 M7567 1.27 25235 M89904 1.39 25237 M79658 20.47 25257 M79658 20.47 25257 M7965 20.47 25257 M79658 20.47 25257 M79658 20.47 25257 M7967 20.39 25257 M7967 20.39 25257 M7967 20.39 25257 M7967 3.36 25257 M7567 M7567 3.36 25258 M7667 3.36 25269 M7667 3.36	Table 2A	5.37 1.00 0.00 17 128.91 Adipose	9 nn n n n n n 2 576.49 Ovarv Testis	117 A TO DO B 117.99 Lymph node Lymph	100 00 6 544.54 CMS Thyridd	222 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	447.38 5.83 1.00 0.00 ,	52.21 12.57 4.00 0.00 X 87.90 Ear	486 06 6.50 2.00 0.00 5 353.54 Bone Ear	1238.62 9.85 1,00 0,00 15 340,51 Colon	94,86 7,41 3,00 0,00 14 271,74 Tonsil E	40,44 9.67 2.00 0.00 11 264.42 Pooled Placenta	78.81 18.61 5.00 0.00 2 576.49 Pooled CNS I	35.19 5.03 1.00 0.00 11 40.11 Pooled Breasl I	125.76 20.11 1.00 0.00 10	4076.06 5.89 1.00 0.00 3 459.05	1429.49 7.21 6.00 2.00 4 644.84 Gall bladder Eye	537.51 5.84 1.00 0.00 14 15.32 Synovial mem Nose	303.69 8.04 3.00 0.00 7 510.47 Peripheral ner Nose	28.23 5.36 1.00 0.00 9 410.77 Breast Tones	41.62 8.56 4.00 0.00 Ear CNS	336.86 24.28 2.00 0.00 20 107.35 Heart	975.12 7.00 4.00 0.00 10 350.96	30.07 8.37 2.00 0.00 Adrenal gland	43.50 6.77 2.00 0.00 Pool Lib contoured	23.97 5.95 1.00 0.00 14	315.07 10.30 6.00 5.00 2.00 x1 1-0.50 resources	234,39 G.63 1.00 2.00 12 45.33 147.83 8.00 0.00 X 28.02	11340 5.77 1.00 0.00 6 16.54 Lerynx	280.23 (9.98 (0.00 0.00 Pool	148.44 7.27 3.00 0.00 13	297.33 13.69 5.00 5.00 10 529.62	33.06 5.23 0.00	348.95 5.34 2.00 0.00 17 27.00 0.00 musus as 25.25 2.00 0.00 17 11183 Pooled CNS	104.65 5.29 2.00 0.00 11 45.26 Prostate Brain	391.53 8.15 4.00 0.00	259.47 14.24 8.00 4.00 Pool	308.70 5.53 1.00 0.00 10 540.8	113.13 9.85 3.00 4.00 Colon Prostate	144.53 6.39 2.00 0.00 15 165.45 Paratryrold	5.00 0.00 0.00 12.	442 80 8.31 1 00 000 17 331.17 Entidoruis Breast	430.88 7.58 5.00 0.00	249.43 6.46 4.00 2.00 8 278.83 CNS Aorta (	32.22 7.85 2.00 0.00 Tonsi Placenta	259.36 9.13 1.00 0.00 8 588.46 CNS Ulerus	601.65 5.66 1.00 2.00 9 382.37 Pool LID not found	60.23 8.12 3.00 0.00 Adipose Breast	286.04 6.45 2.00 3.00 1 623.7 Lymph 1700l	197.48 5.64 1.00 1.00 14 158.61 Placenta LIU not tound	11.00 U.S.	105.55 6.04 0.00 2.00 3 570.8 Pool Prostate
	AAA33051 AAA1124 R7379 R77251 AAA08601 AAA88525 AA264328 H21071 R65132 AA491227 R76229 W88537 W84514 AA491227 R76229 W88537 W84514 AA49144 AA4184155 AA48160 R62242 AA4184155 R66216 N7867 N7867 N7866 N7866 R66216 N7865 R66216 N7865 R66216 N7865 R66216 R786216 R786217 R78		•																																																·		
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age 3 of 9

Jiens	Spleen	Pool		LID not found	Aorto	Colon	Office	, Autor	Liver	Blood	Parathyroid	Other	Placenta	Skin	LID not found	Germ Cell	ua de	Outer Contract	Descri	Doc	Paralhyroid	Breast	CNS	Placenta	Calon	Colon	Germ Cell	Stornach	Gall bladder	Pancreas	Placenta	Cervix	Bone	Color	Testis	Skin	Ovary	Inymus	Synovial melinoran	8 6	CNS	oTestis	Color	LID not found	Pool	UD not found	Whole embryo	Breast	LID not found
_ 			Colon	Testis	coedin	le) meg	Z	?	Synovial mem Germ Cell		dge	LID not found	Pooled Place	iat mem		yroid	SNS ID	Adinora	Post of		Adinose	S:omach	Brain	w Pooled	Placenta	CNS	Whole embryoPlacenta	Ski-	È		Spleen	Ear	CNS	8	ryoBrain	Placenta	Greasi	Mouse marrow		olympia o	Adressed also recommended	Whole embry	Breast Colon	200	Breasl	Hear	Colon	Lung	P.00
451.82 CNS	129.27 Peripheral ner Blood	473.39 Pooled	534.21 Cervix	Tonsi	I hyroid		2 6	E E	235.28 Synovial me	lanore	238.33 Small intesti	530 17 Pool	119.56 Eye	lgnore		745.7 Adrenal glar	Porta	57 04 G.21 Madder	Dania Unsuder	15 Oran,	130 74 Thymis	631.73 Pancress	43.68 Eye	345.45 Bone marrow	Cervix	274.67 Ovary	Whole emb	191.81 Adipose	539.01 Synowal me	655.1 Parathyroid	449-88 Adinose	220.79 Thymus	Aorta	Larynx	Whole embryoBrain	17.79 Cervix	671.25 Adipose	47.11 Lymph	CIVER CALL STATE	644.55 Gall Glodder Liver	111 22 Adresses also	47164 CNS	Liver	357.89 Eye	217.02 Thyroid	7.79 Placenta	Eye	188.21 -	291.14 Breast
4	5	m	1,		>	<			Ξ	:	×	~	on.			-		;	=	•	<b>,</b> 0	w w	- 22	×		19		-	1	- ¢	2 ~	. <del>5</del>				စ	<del>-</del> ;	12	•	4.0	۰ م	- 5	!	o	7	14		•	6
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5.80	7.54	5.64	6.11	5.02	7.02	16.0T	2.0	3 3	72.7	11.83	6.54	8.44	5.74	11,12	5.01	6.81	10.84	5 G	8	3.5	7.50	7 89	8.74	6.80	33.57	104.82	18.64	47.75	5.23	24.30	6.00 8.00	11.63	5.5	5.24	5.05	5 28	33.25	10.69	9.37	9 6	9.7	2.74	5.12	2.9	8.50	5.78	6.57	6.05	6.98
17.78	10.20	16 86	26.10	7,13	39.10	10/4.94	78.15	640 AB	143.45	33.33	99.17	103.51	6.46	105.15	208.27	177.95	39.80	457.50	244.33	<b>X</b> 5	237.88	27.49	29 03	39.73	78.39	396.88	33.71	488.78	252.69	58.07	194.29	198.15	72.40	38.15	36.82	6187.71	360.38	370.01	375.69	BC 15	311.58	23.4B	19.90	402.17	695.78	29.44	200.44	671.93	616.50
3.07	1.35	3.01	4.27	1.42	5.57	102.29	9.43 7.75	9 P	25.61	2.83	15.17	52.23	1.12	9.45	41.36	26.14	3.67	46.78 5.23	27.0	5.80	57.75 80.08	90,50	A 32	5.84	2.34	3.79	1.81	10.24	48.30		32.41	16.75	13.13	7.48	7.30	1172.13	10.84	8	40.11	25 c	40.44	100 E	986	30.9	128.61	5.08	30.49	111,11	88.31
R09873	AA484970	AA458969	R65573	AA620346	AA438959	N90470	ANAN ISUZ	Career	W47350	AA037410	AA425655	N66001	AA284292	AA484962	H90946	AA459853	AA022601	H90355	080071	H51451	20000	44107670	44479981	H63934	R32952	AA454743	T64905	AA410567	R76263	N90246	747229 N70464	AA458801	AA428170	T6705B	H18436	AA410517	AA434115	AA487634	R93124	172422	A44///4	A6448045	T68351	T84382	T67083	R25641	N52880	AA281189	T66930
128260	810104	810888	139378	1030929	810843	292812	974094	240310	324225	12127	773220	293847	327247	810083	240674	795798	364555	241355	00,101	179534	120140	58140	754031	209137	135221	809784	66731	754479	144777	305606	75923	838373	770857	66564	50900	753862	770212	641332	186982	86220	813830	78/87	81221	111204	66582	132848	244205	711857	86400
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	490.05 Prostate	372.99	Placenta	71.14	140 Rd Thyrrid	123.4 Tesits		Pod		150.81 Pool		157.6 Placenta	5	Perceio	20 761	Pool	82.52 Pooled	430.49 Germ Cell	245.06 Placenta	Pod	Blood	3	8	61.75 Pool	111.89 Greast	429.02 POOI		ion i	8	48.71 Blood		8	001	135 29 Pool	Breast	Uterus	473.2 Pool	350.76 Pool	Hear	468.83 Aorta	119.15 Head	551.56 Pool	Bulacella C C C C C C C C C C C C C C C C C C C	462.73 Small niesi	001	336.17 1001	578.76	41 44 Lymyh	450 18	711.38 Testis
	4	13		23	17	: <b>6</b> 0			7	<b>6</b> 0		13			e	,	19	က	×		Đ	4			- !	≥ \$	2			19			•	4 5	:		12	•		٠,	- 1	_	;	9	•	ю ч	'n	=	•	, <b>-</b>
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Tabl	<b>8</b> :	8	3.00	2 5	3 5	8 8	2.00	3.00	1.00	00.00	- 00	8 1	B	8 8	8 8	8 8	4.00	1.00	2.00	5.00	5.00	8.8	8.8	300	3.00	8 8	8.8	8 8	3 3	8.	300	8	8.6	8 5	2.00	1.00	6.00	3.00	1.00	1.00	6.00	00.	2.00	1.00	8.6	0.1	6.6	9.6	8 6	9,1
	6,46	7.08	6.52	6.52	8.5	4	5.52	7.55	6.92	9.50	7.03	7.27	6.25	7.42	7.55	5.90	6.69	7.46	6.64	11.73	6.44	8.25	8.05	6.1	9.27	22.64	11.28	10.04	8.66	2	7.05	6.40	5.32	9 6	13.98	5.55	9.28	8.48	9.51	5.66	18.95	5.13	6.65	6.66	5.76	6.15	5.67	7.27	2. c	5.54
	175.18	333.08	678.84	641.84	32.07	41.19	15.59	282.48	24.49	33.50	40.72	76.10	219.10	857.38	109.30	41.05	214.24	13.27	409.70	209.29	43.43	199,58	49.63	234.45	40.15	629.85	56.15	20.02	50.5	10.32	51.41	18.35	94.24	84.11	178.01	129.45	175.55	512.31	23.11	17.94	28.67	16.73	287.72	12.57	465.59	93.56	37.80	113.38	100.1	43.68
	27.12	47.05	104.02 20.02	98.44	5.35	4 36	2.82	37,43	3.54	 9.	5.79	10.47	35.06	29.04	10.54 84.64	6.95	32.01	1.78	61.87	17.84	6.75	24.19	6.18	38,35	4.33	27.69	5.05 80.05 90.05	9.0	57.88	1.63	7.30	2.87	17.71	12.23	12.74	23.32	18.96	60.37	2.43	3.17	2.88	3.26	5.2	1.45	88	18,15	6.44	5, 6,	3 2	7.82
	R91710	189145	R26813	N99799	189150	198972	H77533	R99288	199011	R53024	199617	R26931	N75729	H69048	TPOTED	N92085	R26855	H16748	R53900	R07898	R08297	R53910	R06938	R01277	WZ4055	N77203	H96213	TEENT	833153	R02036	N72852	H94878	W03060	R93412	R16768	W03052	H75490	N74942	N76803	N62328	R83758	R94893	K39705	AA460003	N81330	W04369	R92609	K94212	203460	H51056
	185458	122364	132623	264133	122359	127707	233347	201207	122884	154312	123354	133225	244329	212634	138188	293437	133333	50214	138165	127076	127243	138189	126638	123720	306806	245413	251351	290193	197051	124271	291459	242644	296330	197093	124785	296334	230637	295527	245836	287843	187616	198593	136874	193604	292568	295321	196282	198339	\$41087	194155
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age 5 of 91

Prostate	LID not found	LID not found	Blood	noPancreas	Blood	LID not found	•	Comp.	ם וסילה ו	Tones	10 G	5 60	Spleen	Eye	Foreskin	Aosta	c Germ Cell	rung Torti	LID not found	m Pancroas	Pooled Brain	Breast	ار برور از در از	Pode Pode Pode Pode Pode Pode Pode Pode	Germ Cell	Tonsil	Brain	i	e Care	Muscla	Cervix	Gall bladder	Kidney	ovary	8	Thyroid	Breast	Placento	E :	ad Other	Placenta	od Other	Pancreas	td Other	ad Other	d Other
Testis	P00	Pool	Bone	Whole embryoPancreas	Tonsil	183	100	Stomach Lung	Synovia me	demil	Prostate	Gall bladder	Overy				Head and ne	2		Synovial me	Pooled	v Adipose	Muscle	Tonei	Skla	d Placenta	Colon	:	LIU not tound Other	er Cervix	Uterus	Pancreas	Uterus	Tonsil	FORESKID	Ovary	Tonsil	Bone Placenti	Germ Cell	CID not four	B 60	LID not found Other	Germ Cell	LID not four	LID not found Other	LID not four
143.55 Colon	458.69 Kidney	Brain	24 51 Adipose		422.37 Lymph	Pool		480.32 CeNs	235.13 NOSE	953.84 351.05 Colons	351.03 Spiern	320.23 Ear	668.45 Liver		71.55 Gat bladder	Gat bladder	gnore	מ מ	810 Of Dool	61 77 Larmx	145.79 Eye	Bone marrow	607 Adipose	216 Stomach	236.87 Larynx	Acremat gland	253.29 Aorta	307.47	512.91 Pool	25.02 Peripheral ner Cervix	Serin Cell	Larynx	436.69 Lymph		340.31 Eye	255.21 Epiddymis	732.12 Thymus	356.29 Nose	80.5	8 6		-8d	289.63 Spleen	75.15 Pool	245.08 Pool	<b>8</b>
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4.00	5.00	8	8	2.00	2.00	8	500	8 5	9.0	8.6	8 9	3 8	8	3.00	2.00	1.00	1.00	8.	8 8	8.6	00 /	98	8 1	8 8	8 8	1.0	1.00	0.0	3.00	8 8	8 6	900	3.00	9.	0.0	2.5	1.00	1.00	2.00	1.00	8 6	3.00	2.00	0.0	2.00	0.0
8.21	6.69	8.68	5.52	5.81	6.42	5.47	5.78	8.28	7.39	6.37	70.	3 9	8 8	16.16	7.28	5.85	5.58	5.71	9 9	3.02	19.25	8.71	5.33	40.0	5. 5. 5. 5.	7.61	6.79	6.28	7.55	52.53	5 78	90.9	14.33	5.05	88.0	280.58	7.48	5.64	7.52	5.95	6.4	6.78	6.37	5.30	5.60	5.79
28.76	140.00	235.66	1974.00	10.29	37.88	68.30	713.75	1858.11	211.73	285.97	22.60	312.30	793.08	211.38	782.42	93.15	145.89	18.78	202.03	14.63	82.85	330.80	704.71	98.61	104.91	8.78	43.89	128.31	136.35	173.00	38.03	621.94	81.50	191.67	105.27	4927.42	59.98	78.52	23.17	43.58	104.04	964.40	358.42	68.58	58.20	219.55
3.50	20.92	27.14	357.40	1.83	5.90	12.50	123.44	224.35	8 8	<b>2</b> 2 2 2 2	2.04	20.02	115.33	13.08	107.40	15.92	26.17	5 5 3 5 3 5	90.50	50.05 82.05	6.4	37.99	132.17	12.27	48.85	4.57	6.48	20.42	18.05	14,14	6 67	102.66	569	37.95	17.89	17.56	8	13.92	3.08	7.33	109.88	142.25	56.28	12.84	10.03	37.91
AA431988	W03672	H53156	H75531	H85141	AA424575	N70349	R48796	AA112660	R21614	R52789	H69820	N32474	H78047	AA456321	N52293	W02265	N31467	W24429	AA4//314	N4613/	AA019482	AA487797	W03677	AA292676	AA456878	AA504710	R11238	AA443351	R95780	AA598884	A4463016	AA284668	AA131406	AA455062	H99544	AA448261 AA451904	W02558	N51018	H50228	R10159	R84407	H74032	R07684	R16479	H53038	R06862
782217	297411	202357	230370	256515	767183	296988	154015	563444	130153	93541	212640	244189	233721	813179	245970	295729	255680	308041	740027	243399	363086	840493	297421	713762	825478	825577	129392	783729	199251	897987	788334	714106	503617	612266	263200	782811	296072	244147	178232	128503	194656	214658	125788	128517	202339	126568
140	1142	1149	1151	1152	<u> </u>	1168	1174	<del>2</del>	1181	195	9 5	1202	1208	1222	1227	1228	1231	1232	1236	1240	1250	1261	1264	1266	1273	1279	1284	1289	1202	1288	5 :	1313	1318	1320	1330	3 5	1336	345	1349	1350	1352	1380	1365	1367	1369	1371

Page 6 of 91

	Stornach	Other	LID not found	Other		į	, 100 k		Germ Cell	Tonsil	O.P.e.	Whole embryo	Other	Other	LID not found	<u>8</u>			8 2	200	CID not round	8 G			SNO	P 50		Ovary	1 Other	Stomach	Heart	Macenta	ELU NOT TOUNG	I D not form	d Other	Thyroid	d Other	Uterus	CNS	LID not round	ionsii	opical of	Post in	<u>.</u>	d Other	CNS	Мапом	Blood	rd Lymph node	Adrenal gland	Calon
	Placenta Stomach	LID not found	P001	LID not found Other			Coleros	10.00	Uterus	Kidnev	LID not found (	Aorta	LID not found	LID not found Other	- - - -	Foretkin	UD not found	Doyna Doyna	Germ Cell	suser	Frostere	Righey	Stornach		3 2	Prostate		· Ovary	LID not found		Gera Cell	2 2	001	Placenta	LID not found Other			السا	Testis	Grain Grain		amoder muse inyline	Cobbard Cobbard	Addney	LID not found Other	Liver	ord Muscle	sc Tonsil	em Umbilical co	ord Brain	
	142.19 Foreskin	73.91 Pool	Breasi	Parathyroid	292.28		2/6.5 Paramyroid	Diaconta	528 2 Panereas							637.68 Placenta	442 68 Pool					615.41 Foreskin	1080 SC 003	SUU.35 POOI	2AB 41 Feonbarus	-	70.67	77.18 Placenta	109.78 Pool	631.89 Smooth musc	711.92 Stomach	245.05 Aorta	247,66 tonsii Dodobereli	245 OF Book		239.18 Peripheral ner		400.71 Thymus	148.92 Stomach		Thymus		183 Prostate Cilona 638 71 Whole embroodear	Muscle	629.01 Pool	682.13 Ear	356.2 Umbilical cord Muscle	35.68 Smooth musc Tonsil Blood	138.3 Synovial m	526.17 Umbilical o	421 53 Liver
	-	5			 	;	2 :	2	40	•	-	5	70	<b>6</b> 1	5			6	•	Ν.	ומ			n	:	2	20	19	-	7	<del>-</del> :	× ;	F	>	<	5	12	12	on y	17		8	Ş r	•	Œ	. ~	. ~	ŧ.	23	<b>~</b> 1	w
2A	0.00	000	00.1	0.00	0.00	5.00	2.00	9 6	8 6	900	800	0.0	00.0	0.00	5.00	9.1	9.	0.00	8:0	8 6	8.0	8.0	8:8	8.6	3 8	8 8	000	1.00	00:00	00:00	0.00	8.6	00.0	9 6	0.00	00:0	0.	0.00	0.00	0.00	0.00	8.6	8 8	8 8	000	00.00	000	0.00	0.00	8	00.0
Table 2A	1.00	100	0.00	1.00	3.00	6.00	8.5	9 9	9 6	9 6	9 9	00.	\$.00	6.00	6.00	0.00	3.00	00.7	2.00	0.5	0.4	0.5	0.4	00.4	8 6	001	2.00	3.00	1.00	3.00	9.1	3.00	8.5	8. 8	8 8	8	3.00	1.00	2.8	8.8	8.	8 .	9.6	8 8	8	90	90	8 2	00.1	0.1	90.9
	5.35	88	5.07	15,0	9.90	21.65	5.99	9.	5 5		50.00	5.18	8.68	941	11.64	6.38	10.24	6 23	8.48	8 64	7.83	90.5	42.58	7.68	20.5	8.86	8.65	10.81	<b>9</b> 0.6	6.67	5.85	6.31	6.92	9	8 5	2.44	5.76	5.12	6.60	6.48	208	03.5 03.1	6.47	2 2	5.73	98	2	6.21	5.52	6.94	8.74
	803.04	31.49	19.87	36.08	665.11	600.51	407.57	2 7 7 E	605.53	3 2	178.10	25.54	967.64	185.11	182.89	32.70	650.81	199,57	39.02	12.41	289.85	459.87	545.92	283.84	332.54	7. 5.00 0. 60	232.53	1320.42	36.83	417.41	6.22	670.95	98.73	34.07	309.64	1505.42	591.68	7.07	26.75	281.52	42.28	382.14	792.85	28.41	1010 53	45.76	2077 92	119.66	32.20	85.06	96.58
	150.20	25.57	385	5.51	74.75	27.74	68.02	3.5	4.5	9.5	2.5	£ 4	111.54	19.67	15.71	5,13	63.56	32.03	6.62	1.87	36.55	90.85	12.82	38.28	X :	 	96 75	122 18	4.08	62.55	1.38	106.28	14.27	6.22	55.83	276 70	187	1.38	4.05	40.34	8.32	69.42	172.56	3.58	178.78	8.53	A48.75	19.25	5.83	12.26	11.05
	R98877	678738	R01451	W31784	R68514	HB3819	N71457	R84636	H56245	624690	TRIORR	B07313	T90369	H47297	R68381	H56655	H47335	R02526	H65481	R16600	H90477	H64938	W15263	H90490	VE131/	K34550 H64872	B01568	AA434382	H65044	T80942	AA026030	N30839	H91353	AA463972	H91216	AAASAAR3	H65639	AA156251	N48708	N69574	R76499	AA485373	N54803	AA284285	NSZORA	H59620	WAS 577	T99639	AA063631	R25521	T50788
	200883	208949	123815	320630	137760	242010	294916	274932	137797	108304	07/081	126884	110987	190481	137885	20318	183200	123079	210494	129600	241475	210431	322537	241497	282542	39874	123548	770935	210525	109049	365665	257823	240769	810864	241274	RUGEUS	210565	505414	275399	293510	143756	811028	244323	017057	247284	207288	117561	123400	365945	35271	78294
	1382	787	138	1393	1396	1400	6	1402	9	9	9 9	2	1422	1424	1428	1430	1432	1438	1441	1442	1445	1449	1452	1453	1454	1436	448	1472	1473	1474	1479	1484	1485	1495	1501	1503	1505	1507	1508	1510	1526	1528	<u> </u>	3 5	3 3	1	200	3 2	1568	1567	1570

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	99.76 Spleen Blood Liver	sc Nose			269.17 Umblical cord Nose Esophagus	_		l mem	Cervix Synovial mem Marrow	eripheral nervous system Adipose	drenal gland Muscle Cervix	78.13 Neural Skin Blood	ymph hode Pencreas -	10.38 Andreas Janes Andre	far Utenis	Project	Testis	Bone marrow			Ulerus	Adrenal gland I	Imbitical cord Cervix Esophagus		345.25 Small intestineGall bladder CNS	_		~	ood LID not found Other	73.14	woole empayor lacenia near	3 3	of found	Tonsil	8	8	Pool LID not found Other		#B			Pool LID not found Other	dn Germ Cell		Pool LID not found Other	580.91 Prostate Pool Brain		•	Pool LID not found Other		Pool LID not found Other .	8
	89.76 \$	40.71 S	385.82 G	228.96 E	269.17 U	671.44 E	86.55	S)		123,04 P	317.13	78.13 %	1 19.62	10.01 10.01	384.36	28.28		373.41	471.03	217.43	317.38 Cervix	387.63	39.19	114.01	345.25	528.46	219.19	67.5 Tonsi	104.97 Pod	<b>7</b> .	233.07			471.75 Testis		17.69	208.82	976	743.00		271.39		596.66			580.91	130,31		134.94 Pool	292.54	1772	7 F.
	φ	7	6	Ξ	9	-	5			20	4	₽:	= '	ρų	<u> </u>	. =	:	=	5	7	5	ď	80	77	×	ω	5	ā	8	<b>⊕</b> 1				2		22	8	,	<		Ξ		vo			7	15		₩ (	cin	ç	2
Table 2A	0.00	0.0	0.00	00.0	00.0	3.00	0.0	0.00	0.0	8.0	1.00	00.0	0.00	9 6	8 5		9 6	000	000	000	0.00	0.00	0.00	0.00	0.0	90.	1.00	00.0	000	90.0	8 6	8 8	8 6	0.00	1.00	8.0	88	8.8	8 8	8	8	0.0	0.00	0.00	2.00	0.0	0.00	0.0	0.0	0.0	9.6	on's
Tab	1.00	1.00	9.	3.00	2.80	82	<u>.</u>	5.00	2.8	1.00	9.	8	8 8	9 8	3 5	2	3 5	200	800	8	8	9.	5	1.00	1.00	0.00	0.0	3.00	8	2.00	3	8 8	8 8	9	3.00	5.00	8. 8.	8 6	8 8	8	30	\$.00	1.00	\$.00	3.00	5.00	6.00	2.00	3.0	8 8	8 8	3
	\$22	6.97	10.24	8.27	8,41	110.73	5 12	8.35	12.37	9.86	8.8	80.0	5.59	15.38 50.38	3 2	90	200	9.47	92	23.61	7.43	6.33	5.62	8	5.48	5.59	6.87	6.68	5.31	5.83	Q (	9 9	5,05 7,37	9.83	6.38	6.68	2	8.0	14.78	6.11	6.26	10.06	5.96	69.6	7.41	6.86	11.85	7.32	6.76	6.27	7.43	77.R
	111.69	129.10	10.96	399.66	817.78	284.36	1440.73	95.99	427.57	2198.58	409.18	218.20	754.06	200.07	338.7	36.69	3.5	320.07	418.62	509.40	16.67	72.35	57.27	254.18	63.56	992.01	45.86	28.02	30.08	87.18	56.53	1066.76	478.85	43.60	211.85	1376.11	115.32	172.70	11275	31.53	103.73	761.78	276.87	112.46	358.85	23.62	183.65	23.28	102.18	88.52	368.38	299.862
	21.39	18.52	6	48.32	98.33	2.57	291.52	11.49	34.56	222.88	68.14	24.00	8 3	13.00	93.83	60.7	, S	3 5	48.89	21.58	7.74	11.42	10.20	31.61	11.80	17.33	6.68	4.34	5.66	14.97	10.37	109.50	97.90	4.39	33.18	205.87	15.09	P. 5	8 2	5.16	16.57	75.72	4	12.95	48.43	3.44	13.81	3.18	15.11	<b>1</b> 2	8 E	26.07
	N69672	T98559	R44864	H84113	R02348	AA433851	AA477893	AA421687	AA598863	AA599177	H90415	AA481554	AA487700	163324	AAA50266	20767444	Washak	44404943	44432030	AA456886	AA113331	AA460480	AA424833	AA489555	AA491225	AA598794	H94949	N43930	H52098	N59717	H93217	195234	K02166	H89837	VA03972	R98295	R99885	1925/4	K35406	N76675	WD4411	N80622	T70429	T95160	T89094	H80890	179084	T95462	R02710	R92841	R15715	HS 1608
	280696	123117	33478	223098	124261	770910	739901	739126	897982	949938	241474	815285	841841	80109	84446	504007	351307	819718	7825.3	815542	563465	795965	768168	643312	824070	898092	242578	278547	197474	248705	241824	120634	124719	240199	297155	206816	201322	120162	134/68	245319	295283	292207	67070	120124	122913	240938	113488	120823	124090	195947	68423	209034
	1571	1590	1800	909	1610	1618	1636	1639	1646	1652	1653	1655	889	1672	16/4	600	9 9	689	9 9	8 8	1699	92	5	1703	1714	1718	522	<u>5</u>	1729	1733	72	1739	1741	1751	1753	1758	170	1763	1768	1773	1781	1785	1786	1769	1621	1782	1793	1795	1797	1801	1802	1805

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		LID not found						,							Di sonsia			Agranal gland	200										-	Parathymid	all bladder					nta			288	1	JIL) mort rowing	;	- 2		Parathyroid		Sall bladder		_	_	5	,	onte o
	Other	5		Breast	ë G	Š	į				Š	č					į			5	į	5 6	ē .	5 6	5 6			2 6				2 4	S S	5	S B	Placenta		Ξ					Kidney	ų.	P 20	B 80	Sal		Неап	Blood	Splean		Placenta
	LID not found Other	Pool		Lymph	LID not found Other	LID not found Other	Paris Paris City	מחסו ומתום	8	LID not found Ciner	LIU not tound Ciner		Little not round Cirrar		8 5			Tar	5 6	5000	, (C)	בות ומנו ומתוום			LID not found Other		Ovary Liber forms	LID not found		Small intentionGall Nadder	Adioon	Poor City	LID not found C	ineThymus	LID not found		LID not found	LID not found	Gall bladder	20 S	Kidney		Openia	Gall bladder	Soleen	Spleen	Adipose	Esophagus	Placenta	Placenta		WED TISSUES	
	Pool	727.12 Heart	339.39	Pooled	<b>P</b> 00	697.77 Pool	0	50.	254.53 Lung	726.84 Pool	- 00H		124.02 Pool	24/.58 P001	Toreskin	114.69 P001	100 C. 04	252 54 Done	SOCION DUNC	MUSCIE		<b>B</b> (	8	485.46 P00	8	155.48 100	B3.83 MUSCIB	340.73 Pdo	564.35 POOI	Small interest	House Co. Co.	-13.12 Inyroto	62.35 Pool	118.49 Small intest	Pool LID not found	501.96 Pancreas	P00	250.6 Breast	248.09 Tonsil		158.41 Overy	54.22 FORESKIN	27.25 Gall Diadoe	207.95 CNS	358.85 Aprila	fonsil	-13.12 Thyroid	Muscle	130.31 Aorta	37.19 Cervix	40.65 Liver	111.21 NO OBSERVED TISSUES	215.58 Uterus
		-	7			n				m			n (	<u>P</u>	,	2 .	- ،	, u	n	,	<		,	٥	•	<u>.</u>	۲.	- 5	2.	-	•	2	a	• •	•	60		61	Ξ		<b>10</b> (	~ 0	» c	, ,		•	5	:	12	8	2	-	~
Table 2A			000									8 :																							3.00																		
Ţa	8.0	8	5.00	3.00	1.00	3.00	5.6	2.00	0.0	8	2.0	8	2.00	3.00	0.1	1.00	3.00	8 6	2.02	0.00	1.00	2.00	1.8	8	8	8	2.8	8 8	8 8	8 8	3 9	8.8	3 8	3 5	800	8	2.60	9.00	9.	9.5	9.5	8.	9.00	3.5	3 5	900	-	8 8	9.7	4.00	8.	1.00	2.0
	8.57	6.36	6.45	11.84	27.5	11.21	92.5	6.62	5.00 5.00	5.88	6.59	6.28	6.51	6.36	7.50	6.22	0.63	15.67	7.41	5.31	5.48	8.68	8.42	9.87	6.95	7.60	7.63	7.49	6.53	7.7	9.42	5.09	AA:	. u	9.25	7.30	5.87	7.66	8.57	5.45	12.65	χ. 	14.96	5.62	6.73	2.5	7.27	7.7	13.41	8.15	9.01	5.20	9.35
	161.93	24.88	558.21	42.17	22.12	96.17	68.48	424.11	81.62	154.92	177.11	622.47	33.31	615.27	288.98	304.89	402.53	512.12	26.32	23.63	1480.54	1272.50	113.02	50.15	266.28	219.15	288.23	358.75	48.35	2.5	91.77	854.31	160.68	400.00	103.85	1340.02	320.43	682.72	12.52	52.33	93.08	176.15	37.43	28.76	238.05	20.05	549.07	41.08	259.81	243.29	44.36	7.95	51.37
	18.90	18.6	86.58	3.56	4.24	6.58	5.0	8	12.32	28.35	26.87	99.41	5.12	91.01	38.53	49.02	86	32.68	3.4	4.45	265.96	190.44	13.42	5.08	29.74	20.02	37.79	47.88	40	38.63	12.03	167.81	17.87	63.07	2 2	163.58	54.55	89.10	1.46	9.65	7.36	20.62	25.	9 S	2.5	09.77	3 5	6.44	19.37	29.87	28	8	<b>9</b> .
	H61037	T95693	H53732	H25019	R15709	R94808	NS5067	H66883	N77643	H53224	186990	N52911	R94810	N77652	R91033	H53262	ROUZZO	R94840	AA621150	H22171	H53878	Rocess	H53553	N59494	H59938	H53920	R09890	H73321	R95819	N/8301	R76782	N36882	R95851	H78482	/06030/	H79363	H53964	R70361	AA284180	AA457158	AA478279	AA458853	N78083	H78484	AAUD1444	AA464323	2000	27400	H66158	W85268	R06634	AA058857	AA233078
	208789	120173	238128	160628	66430	196578	245452	210710	247833	202492	112409	244652	198582	247859	194872	202553	122963	275634	1046522	180573	202704	12344B	202703	246824	205417	202002	128290	232686	199229	248688	143790	273435	199220	233579	11//12	228330	202735	155201	323917	810485	740925	613428	248261	233583	361943	810213	220012	0 2 2	234011	361639	126413	381812	668685
	1809	1 1 2	1814	1818	1818	1625	1828	1829	1834	1837	1838	1839	<u>1</u>	1842	1843	1845	1846	1849	1855	1859	1881	1862	1869	1874	1875	1877	1878	1883	1889	1890	1892	1895	1905	1907	3 5	4	1917	1918	1920	1934	1942	1951	1952	1958	1963	908	0	0 6	989	200	808	2008	2014

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				•	_			863		_			LID not found				Tta .			Whale embryo	•						£		Thyroid	hyroid	<b>3</b>	S.		. :	P. 1.	. 2	÷ 17			anta	>	_		_	^				<b>.</b>		<b>q</b> :	Foreskin	<b></b>
		Tonsi	Brain	Muscle	Lymph	Blood		Pancreas	Ovar	Pooled	Ē	Skir	2		d Other	4 Othor	Placenta	d Other	ğ	Š	d Musc	d Qhe	8	S S	d Other	d Other	Lymph	1	Ę	Parat	Placenta	od Fores			Prostate		Read				Ovary	nd Other	נייין	nd Other	, Q	LEG B		E (	nd Other	ē			Aorta Testis
		Germ Cell	Placenta	Skin	Spleen	1 Foreskin		d Thyroid	Ear	d Skin	Larynx	Placenta	Pod		LID not found Other	LID not foun	Uterus	LID not found Other	d Aorta	Testis	Umbilical cord Muscle	LID not found Other	Breest	LID not found Other	LID not found Other	LID not foun	Nose	ĺ	re i	Cezi	Breast	Adrenal gland Foreskin	LIC not round Ciner	LED not round Other	- 10 001	וליים ואין	100g		LiD not found	yoPool	Pooled	LID not found	Kidney	LID not four	Pancreas	Ę		Cervix	LID not fou	LID not found	Eye	Germ Cell	Eye Eye
	121.9	117.28 Blood	455.24 CNS	113.12 Lanynx	-5.34 Ignore	253,29 Adrenal gland Foreskin	97.54	252.77 Umbilical cor	69.22 Tonsil	53.69 Umbilical cord Skin	117.99 Omenium	84.81 Thymus	271.39 Calon	17.75	529.34 Pool	P8	110.31 Parathyroid	102.82 Pool	Umbilical cord Aorta	277.06 Thyroid	336.98 Aorta	356.18 Placenta	88.57 CNS	245.06 Kidney	P80	726.84 Pool	241.3 Overy	56.84	215.11 Adipose	55.14 Liver	43.96 Blood	427 Aorta	8 6	004 68.71L	141.89 Brebst	207	Gall Madder	137 73 Pool	357.75 Pool	Whole embryoPool		192.57 Pool	404.02 Germ Cell	474.66 Pool	241.84 Spleen	Adrenal gland -		400.27 Bone	Foreskin	469.28 Foreskin	103.36 Germ Cell	180.89 CNS	Thymus 671.44 Skin
	٣		7	က	12	F	6	-	•	-	ø	7	=	19	•0		S	4		19	ឧ	o,	\$	×		n	2	9	5	5	<b>*</b>	<b>₽</b>	,	<b>.</b>	,	;	<u> </u>	œ	• 10			7	17	Φ	<u>¥</u>			gra-		φ.	<b>6</b> 0 (	<b>50</b>	-
Table 2A	0.00	8	8	0.0	0.00	0.00	0.0	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	8.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	9.0	8:0	80	00:0	8.8	0.00	8.6	0.00	90.0	8 8	800	00.0	0.00	0.00	0.00	9.1	0.00	8	8	0.00	9	0.00	90.0	3.00	8 8 8 8
Tabl	3.00	000	000	90,	8.	2.00	2.00	2.00	6.	8	2.00	2.00	1.00	9.	2.00	2.00	4.00	2.00	9	2.00	1.00	00	5.00	3.00	1.00	5.00	3.00	3.00	7.00	8	9 -	8	2.00	2.00	8 6	8.6	3 8	8 8	8 8	3.00	5.00	3.00	8	8	8.8	8	8	9.	<b>9</b> .0	9.	5.00	8	8.8 8.8
	6.22	7.27	53.16	5,93	5.56	6.76	6.17	7.38	5.05	5.86	7.64	7.53	5.29	9.66	7,33	6.11	10.80	8.79	7.29	6.33	8.28	5.77	8.29	8.88	5.80	8.30	9.57	14.91	7.7.	8.96	60.6 6	5.31	7.52	0.7	6.73	8 1	(e.)	16.23	200	9.54	6.43	6.72	5.12	5.67	11.32	5.08	10.70	9.45	8.34	5.08	5.72	8.38	7.23 6.38
	63.47	32.04	457.65	108.93	266.85	34.15	177.40	101.15	154.37	501.68	109.00	35.01	204.15	101.22	179.74	22.41	80.27	294.33	44.92	511.71	48.83	34.36	265.85	1282.55	21.37	700.57	770.05	83.92	359.21	110.38	112.24	67.31	43.03	333.67	415.93	53.74	340.78	27026	178 78	1144.60	13.96	387.61	10,16	28.44	30.28	43.63	45.28	62.08	103.45	337.04	628.25	265.18	1183.85
	02.02	4.41	9.51	8.36	47.87	5.05	21.72	13.71	30.58	85.67	14.27	4.65	38.62	10.48	24.52	3.67	7.43	33.47	8.15	80.87	5.63	5.96	32.09	144,43	369	84.38	80.55	5.63	46.22	15.86	12.35	12.68	572	47.39	61.78	8.21	45.38	17.13	25.24	133.97	2.17	54.58	1.98	5.02	2.67	6.63	27	6.56	12.40	66.63	109.79	31.64	163.85
	AA031284	R31395	R52797	AA485401	AA460756	W55997	AA064715	AA488849	AA457047	R39356	AA487637	AA025779	AA088745	R65622	H47475	R17054	R58097	H47542	172691	T90374	N64431	R69798	H78855	R69934	H47929	R94591	N67006	R38133	R07695	N89539	R70140	W60845	H48115	196731	R70318	190794	R82412	18130	H67842	N71385	AA427782	H66442	WB8559	H48389	AA456598	W47578	AA620759	H93604	N72009	N24581	AA454745	W15465	N54244 N91202
	670379	135608	41650	840333	795888	340712	525555	841008	815529	24415	841340	366341	511818	140354	193588	129853	141453	193533	108651	111004	294310	141785	233289	142397	163617	275286	285866	137387	125799	284973	142532	341805	193713	121275	155128	111510	188190	04/047	242084	294127	771133	229651	342522	206988	809552	324342	1049291	242780	290893	207241	809788	322723	247582
	2034	800	2063	8	2023	2056	2061	2063	2070	2073	2081	2084	2085	2092	2120	2127	2132	2138	2138	2142	2145	2148	2152	2158	2160	2161	2168	2169	217	2178	2180	2183	2184	2189	2198	2198	2.99	800	23.4	22.44	2216	2217	223	3228	2232	2234	2235	2245	2247	2251	2252	2254	2255

Page 10 of 91

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						Table 2A	2A				
242797	797 H94043	2	14.38	816.99	5.39	90.	900		Umbilical cord Aorta	ord Aorta	Whale embryo
2282 241179	: 1	: =	41.59	383.46	9.72	200	8	4	636.05 Gall bladder	r Liver	Spleen
. 4	. >		109.92	965.51	8.78	300	8		200	LID not found Other	Other
•	_		21.82	135.46	6.21	3.00	80	٧	428.63 Placenta	Pool	LID not found
9 242698			7.03	36.98	5.26	2.00	8.0	œ	358.65 Pancreas	Colon	Pool
•	_		€23	37 73	8 92	9.00	000	7	315.78 Pool	LID not found Other	Other
~	350 N24545		21.41	165.74	7.74	9:00	2.00		Foreskin	8	LID not found
••	_	6	105.30	931.91	8.85	3.0	9.	8	70.67 Pool	LID not found Other	Ctrer
••	•	4259	15.39	93.16	6.05	3.00	0.00	<u>4</u>	83.08	Heart	Parathyroid
9 66678	,_		11.96	73.97	6.13	3.00	8.0	5	171.71 Brain	P00	LID not found
_	•	364	19.96	118.63	5.94	0.00	8.		Ulenus	Whole embryol ung	olung
•,	`	9899	26.38	145.08	5.50	3.00	8	5	143.64 Small intestineNoural	tineNoural	Gall Madder
~	•	4741	7.48	48.81	6.53	8	0.00	Ď	102.57 Synovial mem	em.	Muscre
•	199 H94578	92	3.49	25.42	7.29	8	0.00		8 6	Little mot lound Other	Other
235173	_	13	35.34	293.21	g. 30	2.8	8		8 1	LID not found	
	`	5828	19.6	72.71	6. 44	8	90.0		Placenta		Pool :
		7	42.49	298.01	7.01	8.5	8 6	ē,	45.38 Epididymis	5000 0000	Muscie
•	_	92	u 5	36.65	11.73	8 8	8 8	ο,	38.72 Brain	SAS TO	eye Bass
_		7452	35,50	66.181	۵ ; ن	3 :	3.5	-	43.64 Sympole ment Lymph	erii Lympii	2 1
769031	_	8846	89. 188.	30.39	80 ;	8.8	0.0		Adrenal gli	Adrenal gland Pancreas	Hear
	_	88	- 62	28.40	14.59	8.5	9.5	ţ	Parcietas	Cympu	Trees
	•	5	65.76	382.27	e :	B (	8.6	9 ;	184.43 FORESKIN	Muscle	13000
_	_	4644	6.25	152.12	24.34	8.3	8 8	Ξ,	130.57 Synovial mem tonsis	lem tonsii	Paremyrono
	175103 H39187	<b>&amp;</b> :	6.26	87.88	10.86	8 8	8 8	- ;	20.30 Paramyrou Actia Distri-	o Aorta oo Habilool par	1 inch
,	343 N36959	200		86.28	9 0	3 5	8 8	ž č	187 49 Smooth miss Supposed mem Brain	isc Synoxial men	n Stain
		25.30		727.53	10.03	3 5	8 8	ē e	117 72 Liver	Thymus	Vev.O
	- "	7114	21.63	148.28	9.86	8	8	4	276.5 Head and nec Pooled	nec Pooled	Oreast
		6	10.81	93.80	8.67	10.00	000	m	694.79 CNS	Uterus	Tonsil
	741841 AA403	AA402879	13.62	98.50	7.23	5.00	0.00		Ignore	Skir	Germ Cell
_		53	15.83	529.35	33.43	8.8	0.00	22	46.67		
-		<b>*</b>	19.00	230.99	12.18	3.00	0.00	-	79.91 Liver	Thymus	Skin
•	508 WB8699	366	3.33	78.08	23.47	8	1.00	CN)	387.37 Stomach	Kidney	Parathyrold
		35	152.31	788.56	5, 18	1.00	00.0	Ξ	373.32 Liver	Gall bladder	Adipose
		63	11.24	66.48	5.91	2.00	2.00	5	438.27 Liver	Pool	LID not found
		AA488073	83.6	778.31	78.88	22.00	0.00	-	538.46 Stomach	Nose	Pancreas
		83	51.83	670.76	12.94	8.	0.00	õ	170.16	:	
,-	•	W279147	2.	27.22	5.86	5.0	0.00		Placenta	Tons	
	285137 N71653	5	17.50	98.21	5.61	9:	0.0	4	46.49 Foreskin	Muscle	Kidney
•		74	ជ	31.31	7.43	5.00	8.0	۹ و	268.06 Smooth musc		lons:
.,	_	12	2 2	135.62	110.61	5.00	8 8	,	70).73 Pooled	ranciess	C Contract
•	_	A054358	6	23.81	Be :	9.5	9.6	•	Byd and act	. By 2	i par
		77	70.0	320.35	61.21	9 6	8 8	? 4	00.02	peoding on	200
•	SCS NOTOS	<b>5</b> 0	2 6	307.34	7.62	9 6	8 8	9	250 6		
		1	3 9	\$0.100 \$0.00	50.7	8 6	8 6	:	ď	Hans	I D mol found
	29063 R40970	20.	82.7	40.07	5.52	800	8	-	727.12 Synovial n	Synovial mem Umbilical cord Bone	d Bone
		86	¥.3	10/0/61	19.77	5.00	0.0		Esophagus	5 Skin	Gall bladder
•		38	44.41	311.44	7.01	3.00	0.0		<u>8</u>	Brain	LID not found
·	_	83	3.55 53.55	134.53	7.24	3.00	0.00			Tonsil	LID not found
•		152	3.49	80.80	23.15	5.00	90:0	×	86.82 Ear	Bone	Foreskin
2515 120	120695 T95804	Š	- 33	11.57	5.99	1.00	0.0		Synovial	Synovial mem Lymph	
•	_	89.	7.27	169.22	23.29	7.00	000		Adipose	Pooled	Foreskin
2518 120	120413 795953	ន្ទ	4	94.81	99.	200	0.00	,		9 6 6	CID not found
	_	107	2.47	14.83	6.02	3.00	8	12	288.31 Placenta	Series Series	CIO noi tound

H75578 133.71 R05659 4.04 R05569 4.09 R65569 4.09 R65569 4.69 R65164 4.36 R06544 30.98 R06544 30.98 R06544 30.98 R06544 30.98 R065407 4.74 R185025 29.54 R14602 29.54 R14602 29.54 R14602 29.54 R14602 29.54 R14602 3.82 R14607 5.24 R14607 5.24		8.53 18.61 8.53	8.6	8:	Ξ	104.49 Stornach	Adrenal gland Aortai	Aorta
		5.61 2.81					Pog.	
		at A	9	8		Spieen		LID not found
		?	9.	8.0	13	74 Tonsil	Pool	LID not found
		5.03	1.00	0.00	<b>o</b> p	- 276.55 Whole embryoGerm Cell	NyoGerm Cell	Pancreas Pancreas Pancreas
		6.07	2.00	2.00	13	85.4 Pool	LID not found	
	3 68.62	16.27	0.00	0.0	16	362.18	Breast	Heer
		6.67	2.00	80		Pool	LID not found Other	oile oile oile oile oile oile oile oile
		7.68	3.00	8				
		7.67	2.00	0.00	-	S6.78		
		8.75	2.00	8		Small intestineTonsil	tineTonsii	Pod
		8.76	2.00	8	5	107,1 Pool	Lung LID not	LID not found
		14.15	3.00	0.00	'n	378.73 Blood	P00	LID not found
		10.27	2,00	0.00	12	457,41 Pool	LID not found	Olher
		11.60	200	00.0	-	-1.31 Pool	LiD not found	Other
		101	2		. ¢		to out for the	j j
		5.	3 5	3 6	• •	And the Thirties	1000	
		9.06	8	8.9	2	470.50 Inymus	Adipose	I OUSII
		6.67	8.	0.00	-1	363.86 Placenta	LID not found Other	Öİre
		5,37	88	0.0	7	281.08		
		7.40	5	5	•	A40 B4		
		• ;	3 5	3	•		į	
			8	1.60		Thymns	SKI	Aorta
		9.39	2.00	0.00		Liver	P80	LID not found
		1.06	9	000	•	130.77 Heart	רעום	Pool
707771		CP (4)	0	9	a	387 84 Over	Report	log d
		3	8 9	9 6	•	20.00	10000	3
W03/83 2.8		3	9	0.00		Bun .	8	
		5.89	8	0.00	4	495.86 Pool	Brain	LID not found
		75.9	3.00	0.0	9	315.52 Pool	LID not found Other	Qher Gher
		6.13	5.00	0.00		Kidney	Pool	
N48139 20.0	50 142.27	6.91	9.00	0.00	10	310.17 Pool	LID not found Other	Other
		8.59	8	00.0	Ξ	250.51 Pool	LID not found	Other
196 12627N		98	3.00	000	æ	24.47 Muscle	Heart	Pool
		ď	2	000	4	102.82		
			8 8		:	406 30 Bool	ete tene	200
		70.0	3 5	0.00	-		a lostero	
	39.45	2.30	1.00	1.00		SECTION TO SECTION	Small intestiner oreskin	E 25
		7.47	8	3.00		ē	LID not found	g g
			5.00 5.00	0.0		<u>8</u>	LID not found Other	Opper Opper
R96436 3.61			8.	0.00	7	593.58 -	Prostate	Pool
			1.00	2.00		Pool	LID not found Other	Other
			9	8	13	228.98 Foreskin	Ea	Placenta
			00.7	2 00	•	478.59 Prod	LID not found	Other
			3 5	8 8	• \$	510.78 Pool	Part too CI	
			2 5	8 6	•		700	200
70000			3 5	3 3	<u>:</u> '	1000	3 7	
			<b>9</b> .00	9	,	521.82 16599		בינים אסר כונו
			10.00	8	^	655.1 Parathyroid		Pancreas
H73329 5.0			9.	8		Aorte	Pancress	Head
	2.84 15.44		1.00	0.00		Whate embryoPool	bryoPool	LiD not found
9			200	800	9	436.84 Thyroid	Ear	Bone
		9.18	2.00	0.00	9	137.43 Pool	LID not found Other	d Other
R89267 158	.79 1072.08		2.00	0.00	18	14.7 Pool	LID not found	d Other
			7.00	0.00		<b>9</b>	LID not four	d Other
	78.26 525.41		2.00	1.00		Pool	LID not found (	d Other
			6	5	-	At 13 Thymns	Sign	Proget
	5.00.2 07.00		8 8	3 6			5 6	
		3 6	3 6	3 5			5	
			9.5	3.6		8	CID not found Ciner	o Ctuer
N59638 169	.54 1068.24		9.3	9.0		8	LID not foun	d Other

Page 12 of 91

N46439         27.64         493.16         6.99         5.00           N49439         27.64         493.16         6.99         5.00           WVI3961         172.06         453.00         5.40         100           H60119         137.4         141.67         5.98         100           N98553         191.7         1446.72         5.98         100           H33915         19.2         117.14         6.43         100           H3242         13.9         14.88         8.25         100           R32542         8.30         113.1         12.19         100           A405315         19.2         14.70         5.40         100           R32542         8.30         44.70         5.40         100           R3542         8.30         44.70         5.40         100           R3542         8.30         44.70         5.40         100           AA400137         6.39         44.70         5.40         100           AA400137         6.34         44.70         5.40         100           AA400268         1.37         6.35         7.34         2.00           AA400269         1.37
M4439   77.64   193.16   6.98   5.00   3.00   W4439   172.66   45.30   5.24   1.00   0.00   W44391   172.66   45.30   5.40   1.00   0.00   W440953   191.71   1146.72   5.94   1.00   0.00   0.00   W440953   191.71   1146.72   5.94   1.00   0.00   0.00   W440953   191.71   148.72   1.00   0.00   0.00   W440953   191.71   4.80   4.10   1.00   0.00   W440953   1.00   0.00   0.00   0.00   W440953   1.00   0.00
NA9438         27 84         193.18         6.99         6.00           NA9584         48.5         43.30         5.44         100           NVISAGE         117.04         151.69         11.00         100           NVISAGE         11.04         72.03         5.40         100           NVISAGE         11.06         1.00         4.00         11.00           NVISAGE         1.00         7.4.8B         6.25         1.00           NAMOSSES         1.01         1.146.72         5.98         1.00           PASSAC         8.30         1.48.31         1.00         4.00           PASSAC         8.30         4.47.79         5.40         1.00           PASSAC         8.30         4.47.70         5.40         1.00           PASSAC         8.30         4.46.77         5.40         1.00           AAAGGES         1.37         6.38         1.00         1.00           AAAGGES         1.25         4.46.77         5.40         1.00           AAAGGES         1.27         4.46.78         5.40         1.00           AAAGGES         1.27         1.48.31         7.03         1.00           AAAGGES
MARGES         27.64         193.16         6.99           RR6954         2.65         45.30         5.24           WN94553         17.74         11.46.72         5.24           MN9553         19.77         11.46.72         5.98           MN9553         19.77         11.46.72         5.98           MN9553         19.77         11.46.72         5.98           MN9553         19.77         11.46.72         5.98           MN9554         13.79         117.14         6.43           AA40524         3.30         44.79         6.12           AA40524         3.30         44.79         6.12           AA40534         6.39         44.79         6.12           AA40535         8.66         6.21         6.21           AA40536         11.37         96.21         1.2.19           AA45070         1.37         96.21         1.2.19
NAMESTED   17.00
H49439 77 64 H49439 1374 H49439 1374 H49439 1374 H4943915 191.77 H4940524 13.19 H4940524 13.19 H494079 17.29 H49608 17.20 H49608 17.20 H49608 17.20 H49608 17.37 H49608 17.37 H49608 17.37 H49608 17.37 H49608 17.37 H49608 17.37 H49609 17.39 H47069 17.39
N49438 R498834 W19461 H60119 N99553 W49563 T67341 H39915 AA405242 T88886 AA401037 AA458618 T82242 T88886 AA401037 AA458685 AA468685 H17976 AA468685 H17976 AA468685 T71866 AA468686 AA46870 AA46873 AA6673 AA46873 AA46873 AA46873 AA46873 AA46731 AA28166 R00395 R0396 R77414 V92731 H53791
243428 199709 199709 199709 22442 2442 2442 2442 112836 14109 1410

Page 13 of 91

	Other	Germ Cell	Other	Other	Abitoh Maraha	Other	1	200		I D not found	Rain	11D not found	Esophagus	dLiver	1 Other	Pod	1 Other	1 Other	1 Other	d Other	c Broast	Tonsil	LID not found	<u></u>	LID not found	8 2	Dolog Dolog	Other	Qher	LID not found		LID not found	Č		ē	LID not found	Whole embryol.iver		Small intestineLymph node	Great	Thymics	IOUSII	Adionea	Pool	}	Tonsil	Smooth muscle	P8	Muscle	Heart	UD not found
	LID not found Other	Breast	LID not found Other	LID not found Other	CID not toung Other	Tild not found Other		TO post found Other		Toetie		3 6	CLavax	Umbilical cord Liver	UD not found Other	Breast	LID not found Other	LID not found Other	LID not found	LID not found Other	Head and noc Breast	Musde	yotansii	Uterus	Kidney		ביוט אפי נסעה	11D not found Other	LID not found Other	Foreskin		Pool	A 400 A	CIO not tou	Breast	Puol Puol	Whole embr		Small intest	Testis	990N	2001	o SCN			Brain	Thymas	Sploen	r Thyroid	rd Thyroid	Brain
	Breast	Parathyroid	264.87 Pool	P. P	366.2 Pool	205.72 F00M3	227 28 Pool	20 00 Bed	00.88	875 77 Calasa	DATE BY		643.74 Smooth musc Larynx	446.68 Nose		158.34 Mutde	Pool		510.98 Pool	P001	117.06 Nose	SNO	Whole emb	49.13 Eye	635.64 Pool	Hear Deal	322.87 Pool	Ann a Prof	404.82 Pool	293.66 Eye	-10.98	Placenta	254.93	Prostate	22/.19 216.37 Thymoid	460.37 Adrenal cland Pool	188.13 -		422.9 Epididymis	87.89 Germ Cell	Adipose	Adrenal gland Pool	135.33 681 1 Limoh	738 & Bone marrow	238.33	192.44 Germ Cell	118.38 Nose	373.32 Liver	127.46 Gall bladder	25.02 Adrenal gland Thyroid	e,
			<b>6</b>	,	۱ ۵		- (	, ,	<		. •	- 00	0 69	. 17		φ			ĸ		ø	7	eo	23	4	;	<b>:</b>		» «o	-	7		2	y	2 7	4 1	2		_	ដ		;	٠,	- :	:×	· –	- 6	, <del>L</del>	40	12	
Table 2A	0.00	0.00	00'0	0.0	0.00	8 8	8 8	8 6	8 8	3 8	8 8	8 8	8 8	80	8	80	3.00	8.	8.	8	0.0	3.00	8,0	3.00	2.00	000	8 8	9 9	9 0	0.00	3.00	00'0	0.5	3.00	3.5	3 6	8	0.00	0.00	8.0	0.00	00.0	8.6	8 6	900	000	000	8 0	00.0	0.00	1.00
Tabl	97.	3.00	3.00	<b>9</b> .00	3.00	9 6	9 6	8 8	3 5	3 8	8 8	3 8	8 8	8 8	8	1.00	4.00	9.1	3.00	2.00	1,00	4.00	6.00	8.	3.00	8	8.6	3 5	9 9	9	2.00	8.	3.00	8 8	8 9	3 5	5.00	2.00	2.00	1.00	8	1.00	8.8	3 5	3 5	8 8	8 6	8 8	8	9	2.00
	5.90	2,5	7.69	11.92	6.59	12.52	9.5	2 9	2.42	4 5	12.34 f. 47	2 6	2 5	8.26	6.53	6.63	7.32	6.44	7.90	5.81	6.22	8.25	8.02	8.53	10.03	12.42	0.00	2.5	6.78	1.7	6.21	69.52	5.70	\$ 5	6.62	20.0	5,55	12.10	5.24	5.37	5.52	7.00	5.73	6.63	24.2	13.87	14.42	195	203	7.68	16.18
	44.90	62.63	150.41	143.03	233.77	70.06	187.37	30.00	1244.56	6.15	00.00	40.11	276.48	224.03	14.15	492.35	50.85	37.09	38.31	19.24	173.02	125.29	455.79	284.88	1617.25	138.03	229.49	197.76	A1 04	1002	446.37	263.90	155.30	474.67	384.91	09.80	582.10	212.01	648.70	58.73	33.11	37.09	102.85	24.78	30.81	100 24	478 19	308.73	95.85	58.41	49.04
	7.81	8.70	19.07	12.00	35.47	6.67	65.29	70.00	183.76	11.69	12.03	8 8	2 F	5. 5. 8. 5.	2.17	74.27	8	5.76	4.85	3.31	27.81	15.20	56.84	31.02	161.20	8	X :	27.29	, i	8.8	54.37	3.80	27.27	67.41	59.68	113.95	104.92	17.51	123.77	10.94	8	5.30	17.79	6.23	5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7.20	2. E	56.53	18.89	7.63	3.63
	H24616	H80423	R12267	R90957	R08690	H96634	H90803	K91004	H67668	N52394	ranca.	Neusen	K08/61	H73661	W95104	W05000	N77198	H68932	H95044	W23541	AA458811	H77707	AA404276	H89004	H95088	H79650	H71224	AA457728	N/00/3	N34751	H77897	R27733	N76878	H69653	N26072	006284	N55012	R88764	AA115919	AA490680	H88582	N72452	H80215	H74265	H59000	782419	AA486637	N53169	W86653	H84153	H82535
	160730	241171	129331	194906	127766	261260	241539	194985	211202	246116	195037	292492	127409	214814	415178	295389	245401	212098	243245	295497	809587	233419	758332	234080	243317	238711	214583	810754	40/647	271378	233399	134537	245774	212712	268951	367684	245409	195034	548957	823864	213138	245298	240766	228365	207794	120705	20073	248768	416833	249688	220036
	2832	2838	2838	2944	2947	2949	282	2360	2981	2962	2968	2 2	2871	9 60	2981	202	2987	3001	3005	3009	3011	3014	3015	3017	3021	3022	3023	3024	8 6	3031	3033	3038	3046	3048	3055	5	900	307	3084	3090	3100	3102	3106	3150	3152	200	2 2	2 5	3183	3185	3201

Page 14 of 91

246.26         6.48         100         100         1         560.58 Marrows           217.53         6.89         100         0.00         1         165.05 Small intensives           19.37         1.89         2.00         0.00         1         166.05 Small intensives           19.37         1.80         0.00         0.00         1         166.05 Small intensives           44.31         2.03         1.00         0.00         1         167.07 Small intensives           220.64.3         6.60         2.00         0.00         1.00         1         167.07 Small intensives           220.64.3         6.60         1.00         0.00         1.00         1.00         1         167.07 Small intensives           220.64.3         6.60         1.00         0.00         1.00         1.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1         10.00         1		466.28	5.48	Š	8	-	550.58	Marrow	Syncvial men	n Carvix
1977.53 6.86 100 000 8 400.57 Small intentions (1977.54) 6.66 100 000 1 166.05 Small intentions (1977.54) 6.66 100 000 1 166.05 Small intentions (1977.54) 6.67 100 000 1 166.05 Small intentions (1977.54) 6.60 000 000 1 166.05 Small intentions (1977.54) 6.60 000 000 1 166.05 Small intentions (1977.54) 6.60 000 000 1 167.07 Small intentions (1975.54) 6.60 100 000 000 1 167.07 Small intentions (1975.54) 6.60 100 000 000 1 167.07 Small intentions (1975.54) 6.60 100 000 000 1 167.07 Small intentions (1975.54) 6.60 100 000 000 1 167.07 Small intentions (1975.54) 6.60 100 000 000 1 167.07 Small intentions (1975.54) 6.60 100 000 000 1 167.07 Small intentions (1975.54) 6.60 100 000 1 167.05 Small intentions (1975.54) 6.60	85.13			3	3					
198.75 663 100 000 1 198.05 Small Intestition (1914 6 192 1 100 000 1 198.05 Small Intestition (1922 2 1937 1 190 000 100 100 119.14 8 159 2.00 000 100 119.14 Proxisib C122.2 20.33 1.00 0.00 000 0 118.71 Thyrus Sydnorman (1923 2 193 1 190 1	24.32	217.83	98.8	3.00	8	<b>o</b>	400.57	Small intestin	neStomach	Pancress
193.7 19.37 2.00 0.00 16 191.31 Protation 693.22 39.37 1300 0.00 14 207.3 Layres 19.44 4.00 0.00 0.00 14 207.3 Layres 19.55 1.00 0.00 0.00 14 207.3 Layres 19.55 1.00 0.00 0.00 0.00 14.37 Thymus 226.48 5.29 1.00 1.00 0.00 0.00 0.00 118.59 Provid mem 226.48 5.20 1.00 0.00 0.00 0.00 118.59 Provid mem 226.48 5.32 1.00 0.00 0.00 16 118.59 Protein 19.55 1.00 0.00 0.00 16 118.59 Protein 19.55 1.00 0.00 0.00 16 118.59 Protein 19.55 1.00 0.00 1.00 0.00 1.00 1.00 1.00 1	28.18	158.75	5.63	6.6 6.6	88	-	189.67	Small intestir	nesmooth musc	Call Dadger
692.20 39.37 13.00 100 14 207.23 Laryrer 230.89 5.55 100 0.00 0.00 14 170.00 15 20.84 5.55 100 0.00 0.00 0.00 18.37 18.00 100 0.00 100 0.00 18.37 18.00 100 0.00 0.00 11	9.00 7.00	18.14	8.58	2, 2,	3 8	5	191.31	Prostate	CNS	Lung
94.31         20.34         4.00         0.00         14         207.2 Layrynx           230.99         5.55         1.00         0.00         6         118.17 Thymus           276.43         6.60         2.00         0.00         6         118.18 Borns           276.43         6.70         1.00         0.00         6         118.18 Borns           276.43         6.77         1.00         1.00         2         219.22 Spandch           46.44         6.14         2.00         0.00         6         118.18 Borns           10.56         6.27         1.00         1.00         2         219.22 Spandch           10.56         6.27         1.00         0.00         16         18.17 Thymus           10.56         6.27         1.00         0.00         16         17.18 Borns           25.74         7.88         0.00         1.00         0.00         16         17.18 Borns           25.24         6.27         1.00         0.00         1         111.08 Vhole embryon           25.24         7.24         5.00         0.00         1         111.08 Vhole embryon           25.24         6.27         1.00         0.00 <td< td=""><td>16.06</td><td>632.20</td><td>39.37</td><td>13.00</td><td>8</td><td></td><td></td><td></td><td></td><td>•</td></td<>	16.06	632.20	39.37	13.00	8					•
200.99         5.55         1,00         0,00         6         118.71         Thymus           206.43         6.57         1,00         1,00         6         118.71         Thymus           206.43         5.27         1,00         1,00         6         118.71         Thymus           207.03         5.27         1,00         1,00         6         118.39         Bmoch           44.04         6.14         2,00         1,00         2         2.19.25         Spmech           1055.84         6.77         1,00         1,00         2         118.39         Bmoch           1055.84         6.77         1,00         1,00         2         11.81         Bmoch           115.35         6.77         1,00         1,00         2         11.00         1,00         1.10         1	<b>3</b> .	94.31	20.34	4.00	8.0	7	207.23	Larynx		Pancreas
206.43         6.66         2.00         0.00         0         11.8.51         Injurius           206.43         6.66         2.00         0.00         0         11.8.55         Injury           279.39         16.74         7.00         0.00         6         11.8.55         Injury           4.04         6.52         1.00         0.00         6         11.8.55         Injury           4.04         6.57         0.00         1.00         2         2.9.22         Some of the control           206.54         7.84         0.00         1.00         2         1.1.8.59         Indury           206.54         7.84         0.00         1.00         2         1.1.8.8         Indury           207.52         1.00         0.00         1.00         1.1.8.8         Indury         Indury           207.52         1.00         0.00         1.00         1.00         1.00         Indury           207.52         1.00         0.00         1.00         1.00         Indury         Indury           207.52         1.00         0.00         1.00         1.00         Indury         Indury           207.52         1.00         0.00	41.58	230.99	5.55	00,1	0.00	•		Synovial ma		Esophagus
229.39 6.74 7.00 0.00 6 118.39 6.74 7.00 0.00 6 118.39 6.74 7.00 0.00 6 118.39 6.74 7.00 0.00 6 118.39 6.74 7.00 0.00 6 118.39 6.74 7.00 0.00 6 118.39 6.74 7.00 0.00 1.00 7 7 546.17 Adjocse 115.34 7.74 7.78 0.00 0.00 1.00 7 7 546.17 Adjocse 115.32 7.74 7.78 7.74 7.74 7.74 7.74 7.74 7.74	31.29	206.43	9.60	2.00	8.6	<b>0</b>	16.7	l nymus	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Adipose
573.29         627.41         7.00         5.00         2         219.22         Sbmech 44.04         6.14         2.00         1.00         2         2.19.22         Sbmech 44.04         6.14         2.00         1.00         7         5.46.17         Allos CNS         1.11.05         Allos CNS         Allos CNS         1.11.05         Allos CNS <td>23.07</td> <td>264.92</td> <td>2 2</td> <td>9.5</td> <td>3 8</td> <td>D 4</td> <td>118.50</td> <td>2</td> <td>2</td> <td></td>	23.07	264.92	2 2	9.5	3 8	D 4	118.50	2	2	
14.04 6.14 2.00 0.00 16 89.33 Tores 10.05 6.37 0.00 0.00 16 89.33 Tores 10.05 6.37 0.00 0.00 1.00 20 11.08 Umbh 115.35 8.71 4.00 0.00 1.00 20 11.08 Umbh 115.35 8.71 4.00 0.00 1.00 20 11.08 Umbh 115.35 8.71 4.00 0.00 1.00 20 11.08 Umbh 11.05 0.00 1.00 20 11.08 Umbh 11.05 0.00 1.00 1.00 20 11.08 Umbh 11.05 0.00 1.00 1.00 20 11.08 Umbh 11.05 0.00 1.00 1.00 1.00 1.00 1.00 1.0	16.09	85.872	10.74	3 5	3 5	, 0	210.23	Champin	60CN	Cott Madder
103.99 5.32 1.00 0.00 16 99.33 Torial 105.64 6.37 0.00 1.00 7 566.17 Adipose 257.47 7.88 0.00 1.00 7 566.17 Adipose 1.50 0.00 1.00 7 566.17 Adipose 1.50 0.00 1.00 7 566.17 Adipose 1.50 0.00 1.00 1.00 1.00 1.00 1.00 1.00	3.5	20.100	3.21 B.14	8 8	3 8	u	4 1 0.4	CNS	Thyroid	Cervix
1065.4 6.37 0.00 1.00 7 546.17 Adjoces 257.47 7.88 0.00 1.00 20 11.08 Lymph 115.35 11.31 4.00 2.00 1.00 20 11.08 Lymph 13.43 11.31 4.00 2.00 1.00 20 11.18 Vhale embryol 222.99 7 1.24 5.00 0.00 1.6 18 380.27 Pool 1.52.20.97 7.24 5.00 0.00 1.2 246.56 Adjoces 22.15 6.44 1.00 0.00 1.00 1.2 246.56 Pool 222.99 7 1.24 5.00 0.00 0.00 1.2 246.56 Pool 222.99 7 1.24 5.00 0.00 0.00 1.00 1.00 Pool 1.00 0.00 1.00 1.00 1.00 1.00 1.00 1.0	19.5	103 49	200	8 5	8	16	89.33	Torsi	Lymph	Breest
257.47 7.88 0.000 1.00 20 11.08 Lymph 115.35 8.71 4.00 0.000 1.00 1.00 1.00 1.00 1.00 1.	147 10	1085.64	6.37	8	5	,	546.17	Adipose	Thyroid	Bone
15.35   8.71   4.00   0.00   14   11.85 Whole embryol   15.36   6.22   1.00   0.00   14   11.85 Whole embryol   15.35   1.25   1.00   0.00   15   380.27 Pool   2222.87   7.24   5.00   0.00   12   246.56   Adiocse   222.87   7.24   5.00   0.00   12   246.56   Adiocse   222.87   7.24   5.00   0.00   12   246.56   Adiocse   222.87   7.24   5.00   0.00   12   246.56   Adiocse   22.15   6.44   1.00   0.00   0.00   12   246.56   Adiocse   22.25   7.24   3.00   0.00   0.00   12   246.56   Adiocse   22.25   7.24   3.00   0.00   0.00   2   245.66   Adiocse   22.25   2.20   0.00   0.00   2   245.66   244.87   244.87   245.86	32.66	257.47	7.88	8	8	8	11,08	Lymph	Adrenal gland	d Whole embryo
34.92         11.31         4.00         2.00         14 11.65 Whole embryoPancasa F 72.96         6.92         3.00         10 11.165 Whole embryoPancasa F 72.96         11.165 Whole embryoPancasa F 72.96         11.165 Whole embryoPancasa F 72.96         12.52.23.97	13.25	115.35	8.71	8	800			Mouth	Ovary	Muscle
72.96 6.92 3.00 0.00 14 111.95 Whole embryoPanceas P 15.10 0.00 15 380.27 Pool UD not found 15.2229.77 7.24 5.00 0.00 15 380.27 Pool UD not found 22.23.77 7.24 5.00 0.00 12 246.56 Adipose Placenta P 7.24 10.00 0.00 12 246.56 Placenta P 7.24 10.00 0.00 12 246.56 Placenta P 7.24 10.00 0.00 12 246.56 Placenta P 7.24 10.00 0.00 10.0	3 03	34 92	11.51	9	2.00			Pool	LID not found	Olher
38.13         6.22         1.00         0.00         18         380.27         Pool         LD mort found           22238.97         7.24         5.00         4.00         12         246.56         Adjoose         LD mort found           2223.98.7         7.24         5.00         0.00         12         246.56         Placenta         Prosata           222.15         6.44         1.00         0.00         1.00         10         Placenta         Prosata           4.4.43         9.64         1.00         0.00         1.00         10         Placenta         Prosata           4.4.30         6.80         2.00         0.00         0.00         10         41.44 Pool         LID not found           1165.32         8.10         0.00         0.00         0.00         10         41.44 Pool         LID not found           1165.34         6.62         1.00         0.00         1         41.44 Pool         LID not found           631.44         7.50         1.00         0.00         2         245.06         Pool         LID not found           61.54         0.00         0.00         0.00         0.00         1         10         10         10	10.5	72.96	6.92	300	000	1	111.95	Whole embr	yoPancreas	Placenta
157.22         12.53         2.00         4.00         13         380.27         Pool         Ull not found of 2229.97           522.28.97         7.24         5.00         0.00         12         246.66         Picentia         Picantia         LID not found of 12.22.83         246.66         Picantia         LID not found of 12.22.83         Picantia         LID not found of 12.23.83         Picantia         Picantia         LID not found of 12.23.83         Picantia         Picantia </td <td>6.92</td> <td>38.13</td> <td>6.22</td> <td>8</td> <td>000</td> <td></td> <td></td> <td>Testis</td> <td>Colon</td> <td>Heart</td>	6.92	38.13	6.22	8	000			Testis	Colon	Heart
2229.97         7,24         5,00         0,00         12         248,56         Adiposa         Placenta           22,44         7,64         4,00         0,00         9         Placenta         Procenta         Procenta         Procenta         Procenta         Procenta         Procenta         Procenta         Procenta         Procenta         LID not found         1,50         0,00         0,00         1,00	12.55	157.22	12.53	8	8	81	380.27	Pool	LID not found	1 Other
552.40         7,54         4,00         0,00         Adjoese         Placental Prostate	307.87	2229.97	7.24	88	80	5	246.56			
22.15         6.44         1.00         0.00         Placentia         Prociation           144.43         964         3.00         0.00         3         97.03         Thymus         Tonal           155.34         7.61         4.00         0.00         1.0         44.14.4         Pool         LID not found           1156.32         6.50         2.00         0.00         2         34.36         Pool         LID not found           1156.32         6.10         0.00         0.00         2         3.43.66         Pool         LID not found           208.43         7.31         6.00         0.00         19         -10.67 Skin         Pool         LID not found           208.44         7.50         1.00         0.00         2         18.47 Pacenta         Pool         LID not found           65.44         7.00         0.00         0.00         4         191.33 Adipose         Aord         LID not found           83.44         7.90         0.00         0.00         4         44.00         Pool         LID not found           85.55         7.14         4.00         0.00         0.00         0.00         10.00         10.00         10.00         10.	72.28	552.40	7.64	8	800			Adipose	Placenta	Pool
44.43         964         300         000         Pool         UD not found           125.34         7.61         4.00         1.00         3         87.93         Thymus         Torsil           44.30         5.90         2.00         0.00         1.0         41.44         Pool         LID not found           1165.32         8.19         2.00         0.00         2         34.36         Pool         LID not found           21.42         6.02         1.00         0.00         19         -1.047         Skin         Pool         LID not found           22.43         7.14         7.00         0.00         0.00         4         181.33         Akbeenia         Pool         LID not found           11.35         5.04         1.00         0.00         4         181.33         Akbeenia         Pool         LID not found         182.16         Akbeenia         LI	3,44	22.15	6.44	8.	800			Placenta	Prostate	LID not found
126.34 7.61 4.00 1.00 3 97.09 Thymus Tonail Formal February 126.34 7.61 4.00 1.00 0.00 X 245.66 Thymus Tonail February 116.32 6.19 5.00 0.00 X 245.66 Thymus Tonail February 116.32 6.10 0.00 0.00 X 245.66 Thymus Tonail February 116.32 6.20 0.00 0.2 18.64 Placenta Pool Edit A 7.90 0.00 0.2 18.64 Placenta Pool Edit A 7.90 0.00 0.00 2 18.64 Placenta Pool Edit A 7.90 0.00 0.00 0.00 0.00 0.00 1.0 thortound S 92.00 8.18 0.00 0.00 0.00 0.00 0.00 1.0 thortound S 92.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	197	44,43	9.64	3.00	000			<u>P</u>	UD not found	d Other
444.30         6.80         2.00         0.00         10         41/14 Pool         LID not found of 11/15 Pool         LID not found of 11/15 Pool         LID not found of 2 2/26.6           37.84         7.31         4.00         0.00         2         343.06 Prostate         Pool         LID not 11/15 Pool <td>16.60</td> <td>126.34</td> <td>7.61</td> <td>8.</td> <td>9.</td> <td>n</td> <td>97.09</td> <td>SUMPLY .</td> <td>Tonsil</td> <td>Pool</td>	16.60	126.34	7.61	8.	9.	n	97.09	SUMPLY .	Tonsil	Pool
1165.32	76.98	454.30	5.80	5.0	000	÷ :	411.43	8	LID not found	Ojner O
201.42	188.14	1165.32	D 19	3 8	8 8	<b>(</b> r	37.7	detaco	3	Grain
651.46 6.62 100 0.00 2 166.44 Piscentia Pool 651.45 Piscentia Piscentia Pool 651.45 Piscentia Pool 651.45 Piscentia Pool 651.45 Piscentia Piscentia Piscentia Pool 651.45 Piscentia Pool 651.45 Piscentia Piscentia Piscentia Pool 651.45 Piscentia Pool 651.45 Piscentia Pi	, c	20.32	7.31	8 8	8 8	۹ 5	-10.87	Skin	3 0	LID not found
11.35         5.04         1.00         0.00         6         531.55 Whole embryo-           81.44         7.90         1.00         0.00         4         191.35 Adiposo         Antra           31.30         7.14         4.00         0.00         2.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         2.00         1.0	106.10	69148	6.52	8	000	· ~	188.44	Placenta	Pool	Brain
83.44 7.90 1.00 0.00 4 191.33 Adipose Aona 8.3.44 8.31.39 7.14 4.00 0.00 X 246.06 Pool LID not found 98.20 8.18 0.00 2.00 X 246.06 Pool LID not found 98.20 8.18 0.00 0.00 1.00 1.00 0.00 X 246.06 Pool LID not found 103.09 14.50 5.00 0.00 1.00 1.0 32.9 Piacenia Heart 103.09 14.50 5.00 0.00 1.0 32.9 Piacenia Heart 103.09 14.50 5.00 0.00 1.0 32.9 Piacenia Aoria Heart 103.09 1.00 0.00 1.00 1.10 1.10 1.10 1.10 1	2.25	11.35	5.04	9.1	0.00	9	531.65	Whole embr	٧٥-	Pool
311.39 7.14 4.00 0.00 X 246.06 Pool LID not found \$98.20 8.18 0.00 0.00 X 246.06 Pool LID not found \$7.48 11.00 0.00 0.00 X 246.06 Pool LID not found \$7.48 11.00 0.00 0.00 1 92.78 Ovary Breast 163.04 5.00 0.00 10 32.59 Placenta Heart Institute \$7.12	10.58	83.44	7.90	1.00	0.00	4	191.33	Adipose	Aorta	Stomach
98.20         8.18         0.00         2.00         X 246.60         LID not found           65.36         11.04         1.00         0.00         1         92.76 Ovat         LID not found           65.30         14.50         5.00         0.00         1         92.76 Ovat         Breath           60.30         14.50         5.00         2.00         10         3.259 Placenta         Acria           163.64         5.54         2.00         0.00         3         732.12         Breath           468.96         6.52         3.00         1.00         3         732.12         Acria           77.20         6.65         3.00         1.00         3         732.12         Acria           883.38         9.05         4.00         0.00         3         732.12         Acria           10.0         2.00         1.00         3.73         Breack         Break           32.43         6.49         0.00         2.00         2.04.481 Placenta         Lymph           418.10         6.49         0.00         2.00         2.00         4.481 Placenta         Lymph           418.10         6.49         0.00         2.00         2.00	43.61	311.39	7,14	6.00	0.00			<u>8</u>	LID not found	d Other
87.48         11.04         1.00         0.00         1 Germ Cell   16818         1 6835           66.30         1.450         5.00         0.00         1 92.78 Duant   Reast   163,64         1 60,05   Placenta   Reart   163,64         1 60,05   Placenta	12.00	98.20	9.18	0.00	200	×	246.06	<u>8</u>	LID not found	Other
66.35 7.19 5.00 0.00 1 927 B Duary Breash 103.04 5.00 2.00 0.00 1 92.79 Placenta Heart 103.04 5.00 2.00 0.00 4 430.05 Placenta Heart 103.04 5.00 0.00 4 430.05 Placenta Aorta 103.04 5.00 0.00 3 732.02 Placenta Aorta 103.05 4.00 0.00 8 337.02 Placenta Aorta 103.05 4.00 0.00 8 337.02 Placenta Brain Breath 103.05 4.00 0.00 15 244.61 Placenta Brain Pool 103.05 6.00 2.00 2.00 2.00 2.00 2.00 15 244.61 Placenta Pool 103.05 6.49 0.00 2.00 2.00 2.00 2.00 2.00 100	5.20	57.48	1.04	8	0.00			Cem Cell	Testla	Hear
60.30 14.50 5.00 2.00 10 32.39 Placenta Heart 10.32.39 Placenta Heart 10.32.30 6.00 3 773.22 Placenta Heart 10.32.30 6.00 2.00 8 377.22 Placenta Heart 10.32.30 6.00 2.00 2.00 2.00 15 24.48 Placenta Lymph 10.32.40 6.49 6.00 2.00 2.00 2.00 2.00 Poded Placenta Lymph 10.32.40 6.49 6.00 2.00 2.00 2.00 2.00 Poded Placenta 10.30 6.49 0.00 2.00 2.00 2.00 10.30.40 Placenta 10.40.00 10.71 8.15 1.00 0.00 9 2.5.88 Pod 10.71 0.71 10.71 6.18 1.00 0.00 8 24.17 Ulers Synvala mem 172.17 6.18 1.00 0.00 10.00 10.33.40 Pod 10.71 0.71 17.00 15.33 4.00 10.71 17.32 8.10 10.00 10.00 10.32 8.10 10.71 17.32 8.10 10.00 10.00 10.32 8.10 10.71 10.71 10.71 10.71 10.71 17.32 8.10 10.71 10	9.09	65.35	7.19	9.00	000	- !	92.78	Ovary	Breasi	Tonsi
163.64   3.64   2.00   0.00   4.50.05 Placenta Aoria   456.45   3.00   1.00   3   732.12   2.00   3.00   3.72.12   2.00   3.00   3.72.12   2.00   3.00   3.72.12   2.00   3.00   3.72.12   2.00   3.00   3.72.12   2.00   3.00   3.72.12   2.00   3.00   3.72.12   2.00   3.00   3.72.12   2.00   3.00	4,18	60.30	14.50	9.00	2.00	₽ '	32.59	Placenta	Hear	LID not found
488.49 6.52 3.00 0.00 3 72.12 71.20 6.65 3.00 1.00 3 121.9 883.89 6.56 4.00 0.00 8 337.82 883.89 6.56 4.00 0.00 8 337.82  22.13 6.58 0.00 2.00 15 244.61 Pacenta Lymph (15.16 6.58 0.00 2.00 2.00 2.04.74 Pacenta Lymph (16.16 6.58 0.00 2.00 2.00 2.04.72 Eye Kidney (16.16 6.18 1.00 0.00 7 94.12 Eye Kidney (16.16 6.18 1.00 0.00 8 25.88 Pool LID not found (1040.00 18.71 6.00 9.00 16 337.34 Kidney (17.15 6.16 1.00 0.00 8 24.17 Pool LID not found (17.15 6.18 1.00 0.00 8 24.87 Ulers Synvals men (17.15 6.18 1.00 0.00 8 24.87 Ulers Synvals men (17.16 6.18 1.00 0.00 17.16 6.18 1.00 0.00 17.16 6.18 1.00 0.00 17.16 6.18 Pool LID not found (17.15 6.18 1.00 0.00 17.16 6.18 Pool LID not found (17.15 6.18 1.00 0.00 17.16 6.18 Pool LID not found (17.15 6.18 1.00 0.00 17.16 6.18 Pool LID not found (17.15 6.18 1.00 0.00 17.16 6.18 Pool LID not found (17.15 6.18 1.00 0.00 17.16 6.18 Pool LID not found (17.15 6.18 1.00 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 Pool LID not found (17.15 6.18 6.10 0.00 17.16 6.18 6.18 6.18 6.18 6.18 6.18 6.18 6	29.01	163.04	900	5.0	0.00	₹ (	430.65	Placenta	Aoria	esta
71,20 8,65 3.00 1,00 3 12,19 12,10 12,10 12,19 1	70.32	458.49	6.52	8 6	0.00	n (	732.12			
38.3.38         9.05         4.00         0.00         6 337.02           38.47         5.63         1.00         2.00         15 244.81 Piacenta         Brain           22.13         6.58         0.00         2.00         2.07.48         19mph         (19mph           105.16         6.89         4.00         2.00         2.00         19mph         (19mph         (19mph           74.36         6.49         0.00         2.00         7 94.72         Pooled         Placenta         Lymph         (19mph         (19mph <td< td=""><td>8.23</td><td>7.20</td><td>3.65</td><td>9.00</td><td>9 6</td><td>,</td><td>W. 121</td><td></td><td></td><td></td></td<>	8.23	7.20	3.65	9.00	9 6	,	W. 121			
32.86 3.87 1.00 2.00 15 244.61 Piscents District State of	97.58	883.38	g !	3.5	9 6	•	331.04		.!	7
22.13 6.56 1.00 2.00 2 507.48 Facerra Lympo 1.05 (2.13 6.56 0.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	5.57	32.68	0.0	8	2.00	,		L'acelle		3 6
22.13 6.58 0.00 2.00 2.00 Poded Placenta Pool III. 6.18 1.00 0.00 9.7.43 Heart Pool III. 6.18 1.00 0.00 9.7.58 Pod III. Pool III. 6.18 1.00 0.00 9.7.58 Pod III. 6.10 0.00 0.00 9.7.59 Po	8.77	39.47	5.63	9:	0.00	ត្	244.61	Piscenta	Cympa	Ž
105.16 6.89 4.00 2.00 Heart Pool Heart Pool 1 105.16 6.89 4.00 2.00 Heart Pool Pool Pool Pool Pool Pool Pool Poo	3.36	22.13	9.58 9.58	000	5.00	7	567.48			
74.36 5.49 0.00 3.00 7.004.72 Eye Kidney 1.00.00 1.00 0.00 7.004.72 Eye Kidney 1.00 0.00 9 25.88 Pool LID not found 0.00 9.25.88 Pool LID not found 0.00 9.25.88 Pool LID not found 0.00 9.00 16 438.12 Pool LID not found 0.00 9.00 16 438.12 Pool LID not found 0.00 9.00 16 438.34 Fool LID not found 0.00 9.00 16 438.34 Fool LID not found 0.00 15.33 4.00 0.00 15.33 8.00 Fool LID not found 0.00 15.33 4.00 0.00 17.32.38 Foreskin Torrail 1.00 0.00 17.32.38 Foreskin Pool 1.00 0.00 17.32.30 Foreskin Pool 1.00 0.00 17.32.38 Foreskin Pool 1.00 0.	15.25	105.16	6.69	6.0	2.00			Feg.	8 .	LID not found
418.10 6.15 1.00 0.00 7 94.72 Eye Nürüng 1.00 0.00 17 94.72 Eye Nürüng 1.00 0.00 9 25.88 Pool ILID moffound 0.100 0.00 9 25.88 Pool ILID moffound 0.100 0.00 5 373.94 Mürüng 1.12.00 0.00 5 373.94 Mürüng 1.12.00 0.00 8 249.17 Ulerus Syrovial men) 1.12.00 0.00 8 249.17 Ulerus Syrovial men) 1.12.00 1.100 0.00 1 353.94 LID moffound 0.100 0.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00 1.100 0.100 1.12.00	13.55	74.38	6.49	000	3.00	,	;	Pooled	Placenta	6 n
54.17 8.29 7.00 0.00 9 2.58 Proof LID not found 1040.00 18.71 2.00 0.00 5 373.94 LID not found 17.55 5.15 1.00 0.00 6 248.17 Ulerus Synovial mam 17.55 5.15 1.00 0.00 8 248.17 Ulerus Synovial mam 17.51 5.18 1.00 0.00 1 353.89 Proof LID not found 17.50 1	25	418.10	- i	8 5	9.0	- •	7.72	ا را د م	Kidney	0 1
1040,04 15,71 6,00 5,00 16 43,12 Pool IU natiqued 541,43 6,61 2.00 0,00 5 373,94 Midray 17,55 6,16 1,00 0,00 8 249,17 Ulerus Symovial mam 17,21,17 6,18 1,00 0,00 15,33 4,00 1,30 1,33 4,00 1,30 1,33 1,40 1,30 1,30 1,30 1,30 1,30 1,30 1,30 1,3	6.53	54.17	8.29	7.00	00.0	<b>9</b>	20.00	8 2	רום שמע מתו	500
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17.55 5.15 1.00 0.00 8 249.17 Ulerus Syndowia mem- 721.17 6.18 1.00 0.00 1 353.86 Foreskin Towall 12.00 15.30 4.00 2.00 1 353.86 Foreskin Towall 12.00 0.00 17 372.98 Name Prof.	79.49	541.43	6.61	2.00	0.00	<b>v</b> o (	373.94	. :	Kidney	8 :
72.1.17 8.18 1.00 2.00 1 353.88 Foreskin Torsil 112.00 15.33 4.00 2.00 1 353.88 Foreskin Torsil 1 300.00 K 8.00 1.00 0.00 17 373.78 Name Prof.	3.41	17.55	in c	8 8	8 6	•	249.17	295	Synovial me	# Kidney
112,00 (5.55 %) 00.2 (5.00 (5.50 105.80 105.	10.04	177	<u>.</u>	3 5	8 6	•	363.00	5 d	Torri	
	6.	00.500	5.5	9.0	8 8	- ţ	200.00	New York	5 6	
		2.00 2.00 4.54 4.54 4.56 4.56 10.00 10.00 10.00 10.50		13.6.70 13.6.70 13.6.70 220.99 220.99 220.99 220.99 220.99 220.99 220.90	18.14 16.97 18.10 16.97 18.14 16.97 20.08 20.20 20.34 20.08 20.20 20.34 20.08 20.34 20.08 20.34 20.09 20.34 20.09 20.34 10.05 20.34 10.05 20.34 10.05 20.34 10.05 20.34 10.39 20.30 10.30	19.14 16.97 19.00 19.14 16.97 19.00 19.14 16.97 20.04 4.00 220.09 220.09 5.55 10.00 220.09 5.55 10.00 220.09 5.55 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.09 5.50 10.00 220.00	138.70 1637 9.00 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 138.70 1.00 1.00 1.00 138.70 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	138,70 16837 900 1100 118,14 1 100 118,14 1 100 118,14 1 100 1100 1100 1100 1100 1100 1100	18.14   18.87   5.00   1.00   16   191.31	195,77 1537 5.00 1.00 16 191.31 Protein of 692.00 0.00 0.00 16 191.31 Protein of 692.00 0.00 0.00 14 207.21 Layre of 692.00 0.00 0.00 14 207.21 Layre of 692.00 0.00 0.00 14 207.21 Layre of 692.00 0.00 0.00 0.00 14 207.21 Layre of 692.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Page 15 of 91

309515 N94385		, 78	8.9 80.0	17.09	Table 2A	2A 0.00	<del>6</del>	101.92 Ignore	Bone	Pancress
200313 NATO41 78 50 428 35	•	428.36		5.46	8 8	000	:	Foreskin	Ē,	Hear
W73792 112.51		704.79		6.26	8	000		Pancress	Colon	Heart
H80958 14.08		90.08		6.46	9.9	1.00		-8 -8	_	Other
· W59471 1,09 8,98	8.98			8.27	8.	0.00	12	347.35 Gall bladder	_	Ulerus
R97234 23.46 228.54	228.54		٥,	7.	0.00	3.00	ო	461.06 Pool	LID not found Other	Other
T70850 1.49 15.29	15.29		Ξ,	0.25	9.6	8.6	;	Adipose	Tests Breas	Breast Other
22.44 138.75	90.20 27 AP.			<b>1</b> 5	8 6	8 8	2	Marrow	Over	Pood B
N54503 (2.02)	265.83			69.0	0.9	2.00	5	263.15 Pool	LID not found Other	Other
H38086 28.42 178.78	178.78			6.29	1.00	0.00		Cervix	Stomach	Foreskin
H56438 28.80 200.93	200.83			7.03	4.00	0.00	2	176.79 Pool	LID not found Other	Other
N91997 5.30 31.43	5.30 31.43			594	5.00	8		8	UID not found	Other
AA404288 9.57	9.57	59.37		250	0.5	8 3	₹ 8	444.57 Hoad and nec Inymus	oc Inymus	Eye
583.73	583.73			5.13	8.5	8 6	₹ \$	106.8 Pml	LID and found Other	Other
W01983 19.46 111.08	111 08				2.00	00.0	!			
R32944 26.97 148.06	148.08			5.49	1.00	80	2	468.93 Peripheral nervous system Ovary	nervous system	Ovary
H95358 6.83 36.19	36.19			5.30	1,00	0.0				
H94571 3.34 17.63	17.63		-	5.27	00.0	1,00		Pool	LID not tound Other	d Other
51.27 369.39	369.39			7.21	3.00	0.0		8	LID not four	d Other
R98074 12.65 158.14	158.14			12.35	0.00	2.00				
W03686 43.11 357.35	357.35		_ '	6.79	3.00	0.00	4	134.84 P00	LID not bound Other	d Ciner
W73140 2.78 102.48	102.48		~	6.91	00.9	1.00		Larynx	Heart	10513
WZ4161 6.82 47.02	47.02		9 0	8 8	g. •	9.6		Mental	Annual Color dies Mil Proste	Other
N92035 26.05 163.02	163.02			9 8	3 8	8 6	ţ	Con 87 Blood	Toneil	Whole embou
H55011 39.34 43.60 283.43	283.42		<b>.</b> .	8 5	3 8	800	•		LID not found Other	d Other
35.02 384.82	384.82		, =	10.99	8 8	0.00		Bone marrow Skin	ow Skin	Breast
R31188 24.16 430.88	24.16 430.88		=	17.83	1.00	1.00	-	695.02 Small Intes	Small intestineThyroid	Parathyroid
AA418251 3.03 25.64	3.03 25.64		ω.	47	8	8.0	۰ ,	152.22 Thyrold	Umbilical cord Pool	d Pool
AA438408 7.11 48.84	7.11 48.64			\$ C	9 5	8 8	<u>.</u> 4	26.14 Cervix Binoryouwell	Blood	A CENT
AA455021 2.64 R28294 40.70	40.70	20.75 38.50		5 s	3 8	8 8	<u> </u>	Blood	Kidney	Muscle
R33154		1008.01		102.48	8	1.00	4	34.95 Uterus Heart Placenta	Heart	Placenta
H15707 196.87		1000.90		5.08	1.00	0.00	•	367.23 Smooth m	usc Umbilical co	rd Partcreas
N62620		296.90		12.18	5.80	8 8	- 1	738.14 CNS	Eye F	C0101
104024 10.80		45.4		2 4	3 5	3 5	<b>v</b> -	132 S. Forestin	Rona	2 .5
753467 AA408551 19.44 19.597	19.44	185.97		10.08	000	8	-	142.58	Adipose	eso <sub>N</sub>
NZ7227 0.83	0.63	7.92		2	1.00	0.00	91	490.28 Larynx	Adrenal gland	d Germ Cell
AA026631	13.90	71.52		5.15	0.0	8.	ď	524.67 Smooth muscle	usde	Pancreas
AA410591 6.56 48.64	6.56 48.84			7.41	00,1	9,	1	554.6 Foreskin	8	
R97066 44.83 572.27	44.83 572.27		¥	12.77	9.	2:00	20	212.78 Placente	Lymph node	
W01240 20.92 105.51	20.92 105.51		₩.	ą	00.1	8.0	×	354.25 Thyroid	CNS	Liver
R98851 9.24 107.94	9.24 107.94		+	1,68	9.	2.8	6	571,11 Small intestineSmooth musc Kidney	stineSmooth mu	sc Kidney
7 39.89 231.92	39.89 231.92		4,	5.81	1.00	0.0	n	880.68 Thymus	_	Gall bladder
AA486836 13.35 146.85	13.35 146.85		_	9.0	2.00	000		Parathyroid	•	nd Lung
H12312 21.72	21.72	197.39		9.08	3.00	3.00	4	249.05 Placenta	Tonsil	LID not found
25.94	25.94	157.35		6.07	1.00	2.8		Cervir		Kidney
T99688 28.51	28.51	168.38		5.91	0.0	5.0	17	96.5 Gaf bladder		Adrenal gland
_	24.87	140.54		5.63	8.	2:00		Blood	Tonsil	Pool
AA489261 52.88	52.88	307.38		5.80	3.80	0.0	<b>6</b> 0 (	499.22 Larynx F	Peripheral ner Nose	erNase
	187.57	1242.16		6.62	8	9.0	s,	155.62 Small into	stine	Liver
AA486810 30.52	30.52	176.68		5.79	2.00	0.0		Bone	Whole embryoEye	ryoEye

Page 16 of 91

N94143	11.62	82.55	0	8	8		Adip
AA009773	10.37	61.56	5.93	8	0.0		Liver
H72259	14.24	101.45	7.13	<b>9</b>	80	22	474.57 Pod

Page 17 of 91

				<b>9</b>		<b>9</b>															<b>5</b>									7	2		5										pg			g			<u> </u>	2		
	Ovary	Breast	Blood	LID not found	Testis	LID not found		,	C.her		Ç.	Testis	Other	Other	Other	Other	Lung Lung	Other	Other	Kidney	LID not found	Other	Prostate	Spleen	•	200	riacenta Other	one.		150 000 50.000		Breast	LID not found	e Se	CNS	Foreskin	Placenta	Aoria Aoria	5	. č	Rain Care	o de	Umbilical cord			Umbilical cord	Lung	form)	LID not found	City not round		<u>.</u>
	Nose	Blood			Uterus	Brain	Muscle		Poor found Other		I D oot found Other	Pool	LID not found	LID not found	LID not found Other	LID not found Other	Pool	LID not tound Other	LID not found Other	<u>8</u>	<u>8</u>	LID not found Other	Bresst	Parathyroid		8	Euro Line	LID not round Other	Lib not found Other	בוט ווסו יטעיוס	2 in	Heart	- PG	Blood	d Pooled	roTestis	Germ Cell	Pooled	Daniel Indian	I D not found	artifeers	Pool LID not found	Cervix	dCervix		Adipose	_	Parathyrold	8	0 d		
	Lymph node	67,65 Prostate	.84 Thymus	132.75 Eye	413.63 Tonsil	Uterus	295.51 Breast		Windle emoryo-	313.98	68 Pm	569.13 CNS	.63 Pool	7.75 Pool	7.26 Pool	Pool	Bone	249.15 Pool	<u>20</u>	Pooled	Placenta		562.73 Esophagus	Thyrod	424.6/	Foreskin	Breast	71.96 Pool	362.85 700	8 6	PO PC 024		Tonsi	477.19 Parathyroid	650.68 Adrenal gland Pooled	742.57 Whole embryoTestis	Blood	Thymus	2	D 00	147.47 Perimheral m		Pancreas	320,82 Umblical cord Cervix	Pool	247.44 Lymph node	539.65 Stomach	389.05 CNS	334.32 Prostate	Adipose	Liver	474.37 700
		6	"				292		Ş	2 2								245					26	•	42,		٠				*	3			5 65									13 32		2 24	53	38	4 8			0
		19	8	_	16		~		4	2 5	- +		2.	. "	σ			-					_		-		7	<b>N</b>	≥ ;	*	•			¥	-						\$	1		-		-		-			•	•
Table 2A	000	8	1.00	00.0	0.0	2.00	0.00	0.00	8.6	8.5	3 6	800	8.00	00.0	00.4	00.0	00.0	4.00	0.00	0.00	0.00	<b>0</b> .00	0.0	5.00	00.0	000	2:00	0.00	0.00	0.00	300	8 5	8 8	8	200	00.0	0.0	86	8 6	8 6	8 8	8 8	8 8	8	8.0	80	000	8.0	8	8 8	8 8	3
Tab	100	2.00	9	3.00	3.00	0.00	9.	5.00	9.6	3 :	8 8	8 8	8 8	30.5	200	90.4	3.00	9.00	2.00	2.00	6.9	5.00	17.00	5.00	9.00	8	8 8	8 8	8 8	8.6	8 8	3 5	3 8	8 8	3.00	2.00	3.00	8 9	8.5	3 8	3 5	3 2	8 8	8	3.00	1.00	8	2.00	8	8 9	8 8	3
	5.78	7.33	10.25	11.42	5.95	9.11	5.00	7.88	10.13	2 5	0.00	7.35	16.81	5.87	7.22	7.78	8.13	10.21	7.12	7.33	6.87	9.89	34.82	6.13	8.43	7.56	8	6.46	6.23		70 S	0 E	2	28	10.44	5.97	5.85	7.07	10.57	n o	9 9	0 6	5 82	100	10.20	5.45	7.57	6.76	6.28	7.10	5.93	21.7
	54.67	103.31	123.11	27.81	265.36	19.23	14.84	31,30	239.05	140.02	03.00	378 68	488 27	325.77	57.99	273.00	170.05	845.51	120.58	165,90	28.71	255.51	150.67	235.67	113.53	110.68	180.51	1359.00	3 3	29.41	647.47	35.55	36.35	536.61	143.05	522.40	330.01	20.26	57.99	6.55	8.77 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5	125.01	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	69.57	52.72	81.88	25.89	20.99	265.08	82.55	61.56	101.45
	9.45	0. 41	12.0	24	44.57	2.11	2.96	3.97	23.61	5 5	15.40	26.51	2 .	46.71	808	35.08	20.02	63.22	16.94	22.65	4.18	25.82	4.33	38.48	13.46	14.65	29.02	248.83	7.18	4.55	98.35	27.90	Z 47	80.87	13.70	87.50	56.38	. 10 10 10 10 10 10 10 10 10 10 10 10 10 1	5,48 1	13.77	4.12	2.4	28.0	13.46	5.17	15.02	3.42	31	42.19	11.62	10.37	14.24
	T\$1182	0.0400081	AA459588	T99191	N59766	AA027864	T84996	R93354	R89539	H58038	525851	Keesaa	D04834	RUSSEA	R89218	R0863	N75715	H93319	178571	T84381	R22088	R69285	W25368	R09153	R22113	T79129	R22065	N58198	N91290	R89471	R09498	AA023041	K22239 H95342	N30708	R27505	R88333	N77006	VV84612	N64285	AA024866	H/1314	A4133107	AAM04671	N73611	H72247	AA486443	N63546	N34967	H72290	N84143	AA009773	H72259
	78869	824668	814526	122145	248535	469762	111884	275612	195358	207813	2/0121	185381	105569	127514	193540	127542	244209	242011	113431	111200	130758	195784	308989	127843	130781	113538	130801	247710	292496	185568	127710	*/00e1	130024	257391	132871	194524	248194	356635	247466	365177	228897	490/33	428796	296095	213509	811066	292770	277003	213698	283584	429799	213535
	1626	16.30	1630	38	3852	3653	3654	3657	3664	3856	2 5	3672	4 9	3600	9696	8698	3700	3704	3706	3710	3711	3712	3713	3715	3719	3722	3727	520	3732	3736	3738	3741	3778	3747	3750	3755	3758	3760	3766	3768	3769	2/10	2770	3783	3785	3788	3780	3792	3783	3798	3800	3801

	_	_	omach Umbilical cord Spleen		Pool LID not found Other	LID not found	Jymis Brain	Pool Coon Brain	Reast	Kidosa	Stomach	is Gall bladder	Placenta				_	6	Brain	_	Die Oid	Adrenal gland	Thymus		Pandeas Nose Inyroid	Dansey Colored	Sali Distudi	Soleen	nusc Laryrix	5		nusc Placenta	Stomach Blood Placenta		Whole embryo	Tanging Lung Notice	3	Placenta	Adrenal gland Placents	Perathyroid	Neural Synovial mem Skin	•	Placenta Germ Cell	Pool	Head and nec	B LID not found	P Vorte		Pool LID not found Other		422.24 Placenia LID not found Other Placenia LID not found Other
	ď	485.73 Pool	283.38 Stomach		۵.		86.07 E		244.95 D 80.00 D 80.00	830.43 Stomerh	7 - N	247 44 F	1507 B	278.45	627.13	170.16	263.4 5	426.08 5	-	247.7 5	31.44 Thyroid	294.09 Ear		675.52 Placenta		238.21		634.12 Thymus	643.74	, ,	•	401.58	588.75	18.09		23.4.63		355.71	560.21	180.72		301.37	467.37	64.49 Pool	42.15				FU 90 9	930.07	45.226
		12	50			2	<u>0</u>	;	ē č	3 -	-	-		4	. ~	16	15	5		77	10	•	1	7	•	-		œ		. 63	· vo	16	-	~	•	•		4	3	19		4	<b>6</b> 2 (	Û,					•	- '	•
Table 2A	0.00	2.00	000	0.0	<b>4</b> .00	5 8 8	8	8.8	8 8	3 5	3 5	8 8	8 8	800	0	0.00	00.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	8.5	9.6	8.6	00	8 8	0.0	1.00	00.0	0.00	0.00	0.00	000	000	0.00	0.00	2.00	8	0.0	8	0.00	8	8	8	200	B (	8.8
Tab	8.28	3.80	3.00	1.00	1.00	1.00	1.00	0.00	9.6	0.6	9 6	8.5	8 5	11 00	9	8	2.00	5.	5.	5.	2.00	8	8	6.00	8	9.6	8.8	9 6	00.9	20.7	8	0.00	5.00	1.00	2.00	8 8	9 6	8 2	2.00	2.00	2.00	1.00	1.00	9.5	8	7.8	38	2.00	8 8	8 :	8 8
	7.53	6.45	7.63	90.6	6.94	5.69	5.02	10.49	9.01	9.82	62.65	10.63	3.20	105.08	6.45	8.26	7.51	5.48	6.00	5.18	7.17	7.78	5.15	378.45	12.75	10.51	57.00	2.3	17.75	60.5	8.27	9.92	8.24	5.43	9.42	9.74	5 5 5 5 5 5	6.2	6.27	8.10	10.15	5.26	6.25	6.99	15.86	10.00	7.16	9.81	7.23	90.0	8, 16 10.63
	138.39	234.35	198.78	98.38	64.38	756.41	178.79	28.50	39.67	897.84	169.7	27.23	3.2	2000 27	354.12	466.48	169.69	37.19	18.9E	51.16	550.84	89.79	33.28	1338.88	278.61	177.19	195.43	47.44	447.40	3353	41.69	64.28	62.04	10.78	16.20	45.25	38.45	51.40	28.58	47.58	257.17	403.17	172.23	74.59	52.85	63.69	101.19	253.22	87.60	124.60	61.45
	18.39	38.33	25.79	10.64	9.28	133.02	35.59	2.53	<b>9</b>	91.43	4.32	5.64 456 43	100.72	5.6	3	56.45	22.62	6.79	2.82	9.88	76.84	12.86	8.48	3.54	21.70	18.66	7.02	7.7	14 87	. C	1 d	6.48	7.53	1.88	1.72	4.64	4.60	6.50	4.58	5.87	25.34	76.85	27.55	10.86	3.32	6.40	14.14	25.56	12.11	12.66	7.53 150.48
	N85107	H71854	R\$4456	N69252	N80384	N48130	N70072	H70554	W31875	N50014	AA453774	AA393408	775000 775000	NOSBAR	44453850	T94293	AA487346	W24246	R22306	W07798	AA598950	R31701	AA017526	T46924	AA488699	AA430256	AA489246	AA456868	15483B	A444478	W32272	153626	H79353	T97080	R62928	R68537	K01348	B63.134	R33285	R63137	N59057	W81562	N95381	R99573	R66101	R63205	R33570	R66533	197309	197427	R33699 R39730
	293835	214823	198258	294740	292559	243385	297919	212620	320712	243675	813707	721792	288202	167,260	811714	118914	941470	310105	130843	301061	898035	134783	361204	70827	841679	823775	825085	815501	16241	20132	321386	69672	235155	121214	139051	137703	124128	137881	136114	137989	247218	347687	308082	201301	140197	138579	135999	141209	121501	-	135853
	3808	8 8	3818	3822	3828	3829	3830	3834	3840	3848	3852	3878	2887	2005	39.7	39.19	3940	3942	3944	3945	3948	3961	3977	3981	3987	3989	8	Ş :	5	5 5	4027	4028	4032	4035	<b>4</b> 040	9	\$ 6	\$ 5	900	2 4	4067	4069	4070	4078	4085	4088	4092	4096	4039	4107	4 124

Page 18 of 91

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R98107 W20810 T95664 R98191 A4486072 H98656			7.63	3			40.000		
W30810 T95666 R98191 A4488072 H98856	21.08	131.81	6.26	8	0.0	Ξ	159.67 Pool	LID not found Other	Other
195668 R98191 AA488072 H92858	8	29.05	6.05	8	00.0	e	121.68 Colon	•	Pencress
R98191 AA488072 H98856	7.57	40.56	5.36	0.00	1.00	15	258.67 Foreskin	Placenta	Utens
AA488072 H98858	12.58	145.94	11.60	4.00	2.00	<b>1</b>		Whole embryo Testis	oTestis
H98858	<b>6</b>	150.41	16.29	00'0	9.6	2	432.99 Hear Lung	g .	ē
	12.97	81.78	6.31	0.00	2.00		Sense intest	inducervix	Call Dander
AA447569	16.86	118.75	6.93	3.00	00.0	4	Bone mairow Larynx	- Carynx Tendie	Esopragus Deoi
H57111	9.53	53.97	5.67	3.00	0.00	2 *	439,33 Hear	Misch	ē 8
R27412	5 G	42.80	8 1	9.6	9 6	- 0	160.78 Centin	a delection	3 2
AA129089	20 10	25.63		3 5	9 6	, ĉ	535 55 Pool	I ID not found Other	i di di
H94649	8.5	00.14	5.30	8 6	8 6	2 2	12.22 Smooth mil	Smooth must Adrenal gland Foreskin	d Foreskin
AAU44662	5.0	787.43	2 2	3 5	50.0	: =	289.86 Popl	LID not found Other	Other
617/61	8. IG	46.42	3 8	3 5	000	: en	211.28 Smooth mu	Smooth musc Placenta	Uterus
44284214	47.6	28.5	933	8	000	· =	255.63 Pooled		Blood
H58001	31.62	169.79	5.37	8	00.0	5	18,25 Pool	LID not found	d Other
R10043	3.37	18,09	5.37	9	0.00	5	434.43 Kidney	Breast (	Colon
H65231	12.17	107.52	8.83	5.00	00.4		P80.	LID not found	d Other
H54095	4.18	32.30	7.72	8	0.00	6	198.24 Thyroid	Pool	Heart
770593 AA434160	0.63	3.66	5.81	0.00	0.0	-	77.59 Lung		Uterus
•	87.06	1082.48	12.43	1.00	1.00	61	235.02 Gall bledder		Skin
_	5.97	32.51	4.0	9.1	0.00		Aorta	Germ Cell	Pancreas
_	3.64	44.67	12.24	<b>4</b> .00	0.00		Foreskin	Gem Cell	LID not found
	9.38	59.93	6.39	9.00	0.00		Aorta	Tonsil	
-	18.58	134.35	7.23	1.00	0.00	14	39.26 Peripheral nervous system	nervous system	
	22.57	354.24	15.65	9.	0.00	-	615.85 Umbilical cord Thymus	ord Thymus	Pooled Office
R96591	27.18	262.10	40.0	2.00	000		8	Clorid round Other	Ctomen
R21425	20.57	106.94	2.50	9.9	3 8	•	etmoneig E3 C74		Other
R36070	107.78	626 68	56.0	8.6	3 8	n ç	412.03 Platerila	Part for City	
H56574	28.58 0.70	88.897	8 4	9.6	8 8	3 °	96.76 time	Lib not found	Other
77710		27.54	12.64	00.0	8 8	•	Parathyrold		Uterus
200800	2 2 2	100.72	22	000	8	ю	78.97 Pool	_	d Other
N94274	15.51	120.05	8	3.00	300		Pod	LID not found Other	d Other
N40919	2.48	13.50	5.46	00.	000				
W76645	58.40	323.85	5.74	2.00	2.00	4	672.09 Heart	Testis	LID not found
R71393	5.58	74.81	29.10	1.00	00:0	-	61.17 Breast	Germ Cell	Kidney
R98913	10.72	87.46	8.18	8	0.0	•	Pod :	LID not found Other	a de de
H58834	8.67	85.81	7.59	8.9	9.5	7 ;	318.41 PBG		o Carler
AA031513	<b>6</b> .3	1316.45	207.75	8 5	8.8	Ξ	346.77 Gall pradoc		oracio de
AA126115	4 t	114.71	23.69	8.5	8 8	,	587 59 Fve	ict Esupiragus Rone	Placenta
W58032	20.0	41.84	3 6	8 8	8 8	ۇ ب	45.50 Gall Madder		Testis
A4401693	2.7	28.70	10.7 25. Ct	3 5	88	2 8	333.71 Germ Cell		Prostate
AA14301	224 97	1802 36	8 46	000	8	=	351.63 Umbilical c	ordLarynx	Esophagus
N99243	88.0	5.31	9.30	80	8.	17	371.63 Lung Eye	Eye	
H44958	69.69	334.70	5.02	8.	8.0	15	271.57 Brain	LID not found	
T52436	107.26	1045.65	9.75	0.0 0.0	8.	Ξ	272.9 Thymus	Ovary	SK:
AA402207	3.77	243,17	64.45	17.00	0.00	2	261.13 Nose	Bone	Ovary
AA227594	2.85	781.29	274.41	1.00	5.00	7	334.7 Ear	Brain	Kidney
W74377	5.38	40.76	7.57	1.00	8.0		Marrow	Blood	Breast
R24635	69.9	671.41	102.25	15.00	8.6	Ξ	262.87 Cervix	Ovary	Placenta
AA0\$8828	2.22	13.36	6.02	1.00	8	5	78.13 Pooled	Piacenta	8

Page 19 of 91

Table 2A

, acet	Muscle	Other	Eye	Pool	Archal gland	Skin	Breast	raratnyroid	atomorp	Head and nack	ID not found	Darathyroid		Pool		Other	Whole embryo	Placenta	Other	Eye	Other	Other	LID not found	Ciber	Pancreas	Breast	VYINDIB CITIDING	vincia emoryo	Eve	Olher	Lymph	Germ Cell	Other	Pool	Other	Ctre	Prostate	בום ומן ימחים	240	מחום	ton Ott	Other	Other	LID not found			Pooled	Whole embryo		Dool	Foreskin
	2	t found		_	000			r Oreskin	Concett muse Discorts	Septimonic .	- Too	Procision for		Muscle		LID not found Other		Prostate	ornd	Pooled	LID not found Other	LID not found	- B	CID not round	10 T	Colon	8 6	200	voCervix	t found		Skin	QUING	Breast	LID not found Other	_	_	Naney	Section of the City	20.00	ď	1 ID not found Other	UD not found	Pool			Tonsit	Hear	LID not found	Placenta	Eye
220 7 Standard and Adjaces	277.88 Smooth musc Anda	Pool	152.54 Piscenta	Pooled	16.43	529.52 Cervix	436.45 Head and nec Stomach	65.95 Gall bladder	430.40	410.10 Neural	Placenta	614 62 Car	B1 40.140	167.89 Ear	272.02	250.6 Pool	198.38 Testis	Brain	Pool	350.75 Thyroid	327.75 Pool	387.28 Pool		Bo	- Forestan	81.13 Thymus	263.2	Papagaga	V/hola embyoCervix	Pool	Tonsil	Ignore	Pool	684,2 Ear	404.02 Pool	569.46 Pool	Esophagus	8	ē	502	563.70	Head	705.71 Pool	322.26 Ovarv	220.08	63.11	422.75 Blood	504.31 Placenta	P80	150.71 Blood	391.02 Bone
;	3 5	!	7		¥	5	₽	-;	: 9	<u> </u>	o	•	-	5	Ξ	6	~			æ	<b>60</b>	<b>-</b>				- (	7							က	6	6				•	• •	•	-	- [-	: =	: =	a	. •		•	•
8	900	0.00	00.0	0.00	8.	8.0	8.	800	20.7	9.0	9 6	8 6	9 5	100	0.0	0.00	0.00	5.00	000	1.00	0.00	3.00	<b>00</b> :0	9.9	8:	900	8.0	8 8	8 6	00.0	00.0	9	2.00	00.0	5.00	0.00	0.00	0.00	3.00	3.00	0.00	3 6	8 6	88	8 8	8 8	8 6	5.62	0.0	000	1.00
•	3 5	8 8	8	00.1	0.00	3.00	8	8 8	0.0	3 8	8 8	8 8	3 5	8 8	30	8	8.	0.9 9	8	000	1.0	2.00	3.00	2.00	9.0	9	8	8.9	3 8	8 8	8	8	9.9	9.00	6.8	9.	9.	1.00	8	00.1	3.5	3 5	8 6	8 5	3 5	3 5	3 6	000	3.00	2 00	0.1
;	5.7	5 6	6.5	6.17	7.12	17.82	5.50	5.63	7.20	5 6 6	24.63	9 6 60	20.48	8.24	68.90	8.51	6.83	17.48	5.16	5.31	5.08	10.18	7.05	7.48	5.32	13.47	30.0	20.65	6.58	8.90	5.14	7.72	18.31	8.23	14.16	5.52	6.20	5.85	6.97	8.42	5.96 20.00	12.03	, o	E 1	9.0	5.32	5 6	85.05	7.24	8 82	9.06
!	6.47	5 5	68.24	22.14	164.27	108.14	247.82	118.97	339.52	508.87	7043.38	400.14	323.96	4 5	677.35	173.21	382.12	502.50	30.28	39.07	14.79	91.86	916.66	32.72	50.74	188.93	615.16	652.86	920.02	11.52	32.82	100.83	407.93	157.51	380.59	63.48	260.63	17.48	226.10	277.38	1055.80	300.26	13.32	70.704	500.05	26.95	2 00	254 68	977.10	43.96	101.24
;	8 8	20.0	7 16	3.59	23.06	6.07	45.02	21.12	47.17	51.23	282.88	አ ያ	555	, c	88.88	20.35	55.12	28.75	5.87	7.36	2.91	9 03	130.10	4.37	15. 66	8.4	121.99	31.62	8 8	58.4	9	13.08	22.28	18.14	26.88	11.51	50.11	58	32.44	32.83	177.13	20.0	3 5	8.5	99.69	10.20	287	7 E	2 88 88	4 00	12.56
	H28922	0.03690	R26164	197139	AA186901	AA443093	H26176	AA463565	182817	AA44898	AA486526	K66057	AA001449	ISTERS MT4263	R68706	H97748	H83233	R68738	R89862	H66877	R09670	H66650	N92134	R91060	H98001	N90491	R78527	R91176	AAUZSJOT	Tainag	R22420	A4402879	R91244	N78103	R91271	H70962	R22826	R10311	T84885	R92649	N49436	W02424	AA284303	8/2/H	10000	KU83/2	AATABOAU	W02030	W23546	240570	N54401
	49873	10/061	432142	120343	625923	809464	161992	797016	110503	785605	840940	140515	361974	1887	139189	200583	196961	139250	194670	210698	128118	211319	293417	194921	251461	292833	144852	195052	470348	111722	13051	741841	105091	248306	195139	210923	130977	128983	111825	196974	243405	298041	32/221	232/23	92055	126238	204300	20102	295514	196769	244784
	432	35	4254	4340	747	4351	4360	4393	4396	4397	4405	4412	4413	414	743	4474	4427	4428	4432	843	4435	4440	4442	4448	44 58	4461	4462	4464	4458	8046	2 .	ţ ;	7780	4492	4496	4498	503	4507	4510	4512	4517	45.0	62.5	452	4529	100	4532	900	4542	46.48	4545

Page 20 of 91

						Table 2A	2A					
4.550	796198	AA461108	8	97.97	20.14	9.00	5.00	13	297.84			
4557	130027	R19408	127.45	858,30	6.73	3.00	0.00	=	192.96 Pri	Prostate i	Pool	LID not found
4558	101678	N7955B	45.80	914.31	19.96	89	5.00	4	207.23 Lu	Lung .		LID not found
25.	20300	NoSASA	73.34	563 30	89~	5.00	000	-	695.13 Pc		found	Other
2	139558	R62339	3.30	18.00	5.45	8.1	000		g.			Placenta
90	298180	W00899	51.70	346.25	6.70	3.00	0.00		ð	3		Pancreas
4566	121420	T97257	49.03	296.34	6.04	1.00	0.00	٣	141.89 80			Parathyroid
4587	280288	N49224	4.76	28.00	5.46	2.00	00.0	æ	410.91 Ey	Eye	SNO 1	Breast
4571	809694	AA454702	3.87	130 14	33.66	4.00	0.00	<del>.</del>	258.04 57	E		Bone
4573	347038	W81128	27.5	78.40	15.02	90.00	0.00		£ .		Colon	Aorta
4579	271038	N34362	14.81	91.74	8,	1.00	000	<b>,-</b> -	592.98 AC	Draig is	Aora	Smoon muscle
4586	212408	H69471	70.98	408.97	5.76	0.0	3.00	•	2		5 G	Liborus Liborus
4590	235008	H79130	22.78	262.62	11.54	9.00	5.00	~ 4	20.09 70060			\$ DIATO
4583	230180	H74330	28.49	153.65	8.0	90.0	3.5	D 4	430,00			
4605	243989	N45364	9 5 6 6 7 6	536.95	7 00	3 5	9.5	•	200			
909	344141	W69/91	5.05 0.00 0.00	83.83	A 47	8 -	86		Š	nooth musc	Testis	Pool
1094	808018	70000 TO	3 S	2.5	, e	20.2	888		5 5	CNS Thyro	Thyroid	Cervix
7104	E / 2005	44155695	7 89	47.80	90 9	8 8	8	Ξ	221.51 Pe	Pancreas	Uterus	Parathyroid
200	12254	DOUR 22	30 06	367.80	0.42	2 00	380	1	248.31			
4843	182787	AA069596	6 72	151.19	22.51	00.1	80	•		Brain	Testis	LID not found
4874	770014	AA427667	5,32	28.30	5.32	9	00.0		3	Lymph	Placenta	Ovary
4884	130541	R22412	63.93	366.28	6.72	0.00	8.1	11	405.59 U		Aorta	Placenta
4700	810761	AA480851	7.32	163.05	22.26	5.00	0.0	2	268.41 E	Esophagus	Ovary	CN3
4708	773301	AA425556	9.09	115.65	12.85	3,00	8.0	5	411.33 Fe	Foreskin	Pancreas	Heart
4715	1657397	AA235332	71.12	399.64	7.38	0.00	8.	-	266.38 S	lestiv	Eya	Foreskin
4716	638568	AA456831	185.57	1028.72	<b>7</b> 5.	5.00	8.0		3	Muscle	Heart	Ear
4722	842836	AA488275	25.47	144.29	5.66	8.	0.0	60	16.54	Larynx	Thyroid	Pancreas
4729	296198	N74383	15.94	91.14	5.72	9.	0.0	- :	740.99 A	Adipose	Foreskin	8 2
4734	360851	AA056148	17.78	141.22	7.95	3.00	000	Ξ :	Z25.28 H	Head and nec	Liyroid	D 1
4742	796268	AA460827	5.71	32.71	5.73	8 6	0.0	2 9	240.98 8	Hone	MUSCIE	Pooed
4747	814378	AA459039	46.27	1271.99	27.49	8.8	8.8	<u> </u>	203.70	Pancies Smooth miss	Adresses pland Colon	Colon
4750	814595	AA480906	31.24	1/8.66	7 :	3 8	8 8	3 8	154 21 0	Order		Other
121	724378	AA250771	203.37	1453.55	5.15	3 8	8 5	3 -	127.63.5	į .		Placenta
4752	20/358	N506/3	405.70	582.39	5.51	8 8	800	· =	165.06	i		
4784	502540	AA160507	7.84	83.24	11.74	8	1.0	2		Laynx	Head and nec Skin	c Skin
47.55	78577	AA480330	28.43	146.10	5.13	1.00	0.00	64	388.44 S	Smooth musc		•
4762	810131	AA464250	40.21	384.80	9.57	3.00	0.00		۵.	Pancreas	Omentum	Nosa
4774	788566	AA452866	32.42	256.88	7.92	1.00	0.00	7	215.71 T	Thyroid	Parathyroid	Pooled
4772	785975	AA448599	8.61	49.78	5.78	2.00	0.00	<b>•</b>		Ear	8 .	Adipose
4774	897956	AA598817	12.68	207.32	16.37	5.00	3.00	22	40.04	Germ Cell	900	Adrena grand
4776	199180	R95740	8.81	65.64	7.45	3.00	8 6		<b>L</b> 6	andeas	1000	
4786	754436	AA410207	5. E. S	358.01	27.15	8 8	8 6	ď	317.8	ordin Gall Madder	Eva C	Stomech
4785	39808	00040	8 5	62.62	60.5	3 5	8 6	, r		ie:	Umbilical cord Placenta	d Placenta
2 5	48,959	A448400	3 5	10.95	18.6	3 00	00.0	,		Skin	Pancreas	Breast
48.5	214165	C1777H	42.80	370.44	8.65	<b>4</b> .00	2.00	7		Pool	CID not found	d Other
4808	138592	R63342	86.09	369.12	6.36	3.00	0.00	2	189.11 P	Piacenta	. fund	•
4607	283360	N92046	5.87	93.96	10.90	0.00	1.00			Pool	LID not found	d Other
4808	140057	R65863	2.68	18.25	6.80	2.00	0:00	•	359.62 P	Placenta	LID not found	d Other
4813	299600	N74682	2.54	223.42	87.98	4.00	0.00	7	510.43	Foresida	5	Uterus
4816	139331	R63782	19.71	205.98	10.45	0.4	8 8	~ 0	304.52	EBr	lonsii G	0 in 0
4820	136288	R33780	38.27	284.91	<b>3</b>	9.6	8 6	7 :	7 50.50	riacerta Videen	Corm Coll	
4821	122982	R00332	6.77	47.00	6.94	2.00	0.00	<u>*</u>	ם ייים	idney		3

ge 21 of 91

	nta Foreskin '	218.53 CNS Uterus Eye	:	lestis	Parathyrod rotestin Eye	Flacence Critical College	Poteskiii Spiedii	at pland Ovaru	The state of the s	Germ Cell	500.33 Lymph Pool LID not found	Placenta UD not found Other		Pool LID not found Other		E .	Neural Pool Lib not found	מוחסו וסורסים	186.13 CNS Prostate Coon	8 3		- Monage	SZY./5 POOI LID rid tound Other		2 3	Social Control	-	adder Thyroid			555.55 Pool LID not found Other	Pacenta	Testis	LID not found	UD not found (	Lury Pod LID not found	-	Pool LID not found Other	Skin Placenta Pancreas	Foreskin	Pool LID not found Other	bund to	Testis Pool	I gland Germ Cell		LID not found	ID not found (	_	Cervix Ear	ch Lymbh	Colon Hearl Pool - 538 27 Hearl Brein Pool
	-	19 2	,	9	•	, ,	o	4	,		٠.				8			;	<u> </u>	••	;	2 .	· 6		₫ ;	<u>*</u>			~	7	. 14	-	Ξ	w			Ş	•				-		7	e	Ŧ	5	ø	so .	æ	ç
Table 2A	5.00	0.00	2.00	3.00	0.00	0.00	0.0	9.	3 5	800	0.00	0.00	0.00	1.00	00.0	0.00	00.0	3.00	000	86	2:00	9.0	0.00	0.00	0.0	3.00	9 5	8 8	000	000	800	9:1	0.00	0.0	0.0	5.00	8 8	8 8	86	9.1	5.00	1.00	5.00	0.00	1.00	0.00	8.	0.0	1.00	5.00	0.00
Tab	8.	8	50	8	8 9	8 8	9 6	3 5	3 5	2 00 2	8.00	9.0	<b>6</b> .00	2.00	3.00	8	B.7	9.6	8	0 :	3.00	8	8 5	8 8	3 5	8 8	3 8	8 6	9	3.00	200	5.00	8.	8	8.8	15.00	2 5	3 2	50	0.0	3.00	1 00	6.00	1.00	12.00	2.00	5.00	8.8	8.0	2.00	6 6 8 8
	24.11	X	8.43	12.96	7.12	80.7	7.5	7 30	60° 4	90 5	9.63	60'9	7.78	7.48	7.11	5.03	5.55	17.48	5.68	6.12	6.28	5.43	* :	5.11	<b>3</b> 5	14.13	6.00	, 4 , 4 , 4	9	15.74	7.95	5.57	6.20	5.07	11.26	31.77	5 1 1	9 9	6.78	10.76	8.43	6.95	19.30	10.25	39.67	7.31	7.37	7.61	6.27	12.44	5.54 5.86 5.86
	1092.18	1641.13	102.78	217.56	451,13	K 1	295.74	1440.4/	30.00	298.31	87.27	119.77	318.04	276.50	727.83	21.75	15.22	2/9.72	15.13	162.32	298.08	31.21	28.12	79.87	18.19	703.25	05.30	25.75	676.54	50 39	53.76	285.30	16.19	10.08	37.75	3956.30	29.70	18.72	15.27	6.33	63.84	135.95	434.35	50.28	316.80	937.80	99.16	259.48	500.54	515.90	938.64 1153.92
	45.31	258.83	12.19	16.79	63.38	2.85	57.15	183.58	28.00	28.90 58.90	908	23.51	40.64	36.96	102.34	4.32	274	24.01	2.67	26.50	47.50	5.75	3.63	5.6	2.88	19.91	4,42	) 9 9	06 02	2	97.9	51.21	3.12	1.89	3.35	124.53	2. Ç	97.	2.25	0.65	7.57	19.57	22.51	4.90	7.99	128.22	13.46	34.10	79.78	41.46	169.43 196.87
	R64408	W23522	R06359	R6449	197794	R63980	H91404	W02403	197809	W85310	R16009	R34957	R49470	197870	N57848	N64033	T69709	N95642	N64840	H58866	R93009	R28280	N78198	R93394	H54384	R98774	8570/N	K31521	H90746	H65942	W04272	R63996	H59188	TC777H	R98947	W0502B	R08563	000040	R69645	18545£	N73510	W01511	R99004	W86431	AA044205	M65984	N54161	HS0899	AA460152	R99627	N71473 W50847
	141288	295492	127354	141366	121521	139656	241068	295594	121543	190/05	66474	138632	38465	121954	247082	294018	67002	283932	284701	207421	196640	134712	248481	275950	202921	200873	298802	135247	240480	273852	296901	139680	204251	234664	200838	295483	127400	200840	141684	249687	295873	294445	200937	416567	486279	233827	247482	240961	795877	201393	294942 341834
	4824	4835	4839	4840	4854	4856	4858	4858	199	101	4882	1884	4886	4891	4892	4804	7807	4905	4908	4909	4911	4915	4817	4918	4919	4921	225	526	7207	70.07	4930	4931	4933	4935	4837	4938	4939	2 44 4	7947	4948	4951	4954	4961	4964	4966	4967	4969	4975	4976	4977	4978 4980

Page 22 of 91

	Other	UD not found		Other	Testis	Esophagus	Germ Cell	Adrenal gland	Spleen		Stomach	Muscle	Spieen	8	ES LES	SMI	vvnoie emoryo	Coro		200	8	rdm\.	Whole embryo	Thyrod		Heart		Heart		Parathyroid	Cervix	Kone	Overy	Pour	Adiogsa	Blood	Foreskin	Pool	O;her	Oihar	Other	Whole embryo	Hear	Other	Olher	. G	ğ	Blood	CID rot tound	Other	Parathyroid	CIC round	Heart
	LID not found Other	Brain		LID not found Other	Pancress	eSkin	Synovial mem Germ Cell	Blood	Ovary		Adipose	Breast	Lymph C	Stomach	2	, e	неал	nead and nec colon	i	c Placenta	Whole embryorod	ر مهری	Germ Cell	gnore	or Blood	Spieen	;	_	•	SUS	Parathyroid	Muscle	Tonsil	MUSCIE	o Blood	Tons			LID not found Other	LID not found	LID not found	Spleen	Pooled	LID not found Other	LID not found Other	LID not found	בום שנו נסת בו	Larynx	Pancreas	LID not found Other	Placenta Dect	1001	Colon Heart
	50.93 Pool	160.11 CNS	Ŷ	Heart	475.57 Kidney	406.29 Small intestineSkin	463.34	404.41 Synovial mem Blood	27 Eya	246.83	671.23 Breast	35.88 Eye	153.69 Eye	Z4:07 Lanyrix	193.03 Ear	529.52 Cervix	504.31 Placenta	534.9 Larynx	•	Smooth musc Placenta	Captes	301.16 Marrow	Parathyroid	133 9 Epididymis Ignore	Periphera	151.92 Pooled	417.73	141.14 Parathyroid	104.03 Lymph node	567.39 Omantum	85.4 Utenus	350.47 Centr	Placenta	484. /4 Procenta	213 01 Smooth miles		222.73 Gall bladder	340.31 Eye		441.32 Breast	P80	Tonsil	395.51 Placenta			607.47 Pool		123.91 Esophagus	Piecenta		450.11 Uterus	Noney	9 9 8 62 St
	15	•	~		7	5	n	12	-	12	-	6	vo ·	4	9 :	₽ '	n į	3				ø		ß		4	on ;	t.	9	77 :	×	w	,	~ (	ÞĢ	2 ~	7	6	8	2			n	<b>80</b>	•	~		œ		~	4		
3 2 A	0.00	0.00	0.00	2.00	0.00	1.00	0.00	9.	0.00	0.00	8	0.00	8	8	8	0.0	2.00	00 i	8	80	8	8	8.0	000	000	0.00	8	8	8	8	8	8	8 8	8.8	3 8	8 8	8	1.00	1.8	0.0	0.00	5.00	0.00	0.00	0.0	0.0	0.00	8 6	000	5.00	0 60	0 6	9 6 6 6
Table 2A	97	8:	8.	0.0	5.00	8.00	2.00	<b>4</b> .00	2.00	8.9	2.00	1.00	7.00	5.00	0.1	0.1	00:0	90.9	9.00	8.00	8	8	5. 8.	8	8	1.00	8	8. 8	8.8	8	8	2.00	5.00	9.0	3 5	8 8	00.0	000	00.0	1.00	1.00	000	1.0	3.00	2.00	2.00	1.80	8	5.00	8.8	8.6	3 5	8 8
	7.74	5.07	27.7	8.15	24.25	23.00	<b>6</b> .45	19.85	22.75	12.12	6.37	5 25	14.95	18.20	10.09	21.59	23.84	19.47	16.20	16.24	5.48	114.81	9.82	7.10	5.66	5.50	7.22	11.78	7.58	5.27	5.30	8.70	10.34 10.34	8.54		8.07	5 37	7.87	5.06	6.38	5.58	6.25	6.24	7.20	5.45	6.57	7.37	6.73	5.93	20.12	7.82	0 t	3.52 23.66
	34.40	11.77	538.39	21.23	79.35	588.14	266.53	2893.05	75.85	95.96	195.58	107.67	73.61	63.27	234.52	80.82	330.56	155.62	116.02	90.47	44.17	301.01	31.08	236.64	20.52	38.09	952.94	3218.30	260.94	97.87	309.18	1317.86	220.81	51.98	35.69	55.80	136.01	95.74	17.25	33.01	12.07	47.43	197.08	126.29	21.84	666.32	<b>2</b> 9.20	41.77	19.58	198.27	¥ 5	288.27	73.07 667.08
	4.45	2.32	69.70	2.32	3.27	25.48	41.35	145.78	3.33	7.91	30.70	20.53	4.91	3.48	23.25	4.21	13.81	7.99	7.16	5.57	8.09	2.62	3.12	33.32	3.62	6.83	131.96	273.12	34.44	18.58	58.37	151.56	21.38	6.09	6.29	. 0	25.33	12.17	3.41	5.17	2.18	7.59	23.90	17 53	4.01	101.49	2.79	6.21	3.30	9.85		51.86	13.24 28.20
	H58670	N52350	H56033	AA063574	AA455911	H97778	H06113	AA478436	W76376	H24688	AA486471	W58658	N64882	AA417654	W01011	AA456160	T98152	AA430504	AA497051	AA453816	H65528	AA598572	AA451891	T48539	AA480859	AA011320	H79888	T64625	AA453105	R89423	AA151486	AA486524	AA455062	N53177	AA489714	AA463017	N54296	N21309	R11529	H43657	T84869	R23055	R62780	H27590	WD0973	R95916	T60718	R91904	R23097	H84244	R31831	T84965	R91557 H63686
	207793	284479	203551	360029	813256	251018	44255	741067	\$45588	160838	811162	341248	293325	752631	296529	809464	121722	769921	923590	813757	210317	897822	786672	67654	814546	359781	537365	80500	789091	201986	503097	843133	812266	246789	624393	524922	244684	265494	128301	188390	111844	131316	138881	182385	296472	189327	109109	196005	131388	210622	134848	111765	196522 209167
	1881	4884	4965	4988	<u>\$</u>	4996	2005	200	5011	5015	5018	2020	2023	5024	503	5032	5048	5051	5070	2080	<b>208</b>	\$08 <b>9</b>	2080	6093	<b>5</b> 094	2037	5108	5111	5118	5124	5125	5130	5131	5136	5139	400	5178	2 2	5187	5188	5190	5191	5193	\$196	5198	\$200	5202	5205	5207	5208	5213	5214	5216 5220

Page 23 of 91

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	Utenus	Hear	Coton	Other	Olher	of her	ğ	<b>;</b>	Brein	Testis	UD not found	LID not foun	P8	Other	Other O	Placenta	b 4	ع الم	Pancreas	LID not found	Lung	Breast	Pool	Ovary	Musicle	<u>.</u>	LID not found	į	Manale emboro	IID not found	Other	1 Other	Heart	Heart	Whole embryaLtD not found	90		i de co	CNS	Kidney	Heart	LID not found	Hearl	LID not found	Whole em	Blood	1	Kidney	Danced	
			Breast	LID not found	LID not found Other	LID not found Other	and Change of the		Placenta	CNS			CNS	LID not found Other	רום חסו לפעום	Testis	Caroll interfer	Orden meaning	Provied Pancres	Pool	Ovary	Gall bladder	Heart	Pancress	CNS	Heart	Brain	į	ה מי	- S	LID not found	LID not found Other	Kidney	Ea	_		I D and found		Foreskin	yoSpleen	Blood	<u>7</u> 8	Colon	<u>Б</u>	rdCNS	Placonta		Solo		2
	250.6 Placenta		464.53 Kidney	P80		322.57 Pool	131 78 Pool		Pooled	457.31 Pancreas		Placenta	588.48 Aorta	Pool	Pool	Cerx	00 J	525.73 EBI	14.04 Cross	164.21 Soleen	342.2 Brain	55.14 Ear	Muscle	540.74 Neural	Tonsil	640.87 Placenta	545.06 CNS		140.47 Mourn	320 08 Brain	Pool	413.5 Pool	53.56 Neural	86.88 Placenta	403.14 Pool	460.31 Parathyroid	00016	70 67 Pro	323.12 Tonsi	155.38 Whole embi	Ovary Blood	Colon	300.43 Foreskin	84.78 CNS	14.64 Umbilical cord	338.92 Pooled	318.41	115.72 Blood Colon	ONC COURT HARD SOLVER	207.50 UNDOUGH 10.700
	61	8	12			1,	ç	2		12	č		7				٠	• :	<u>.</u> "	ω .	5	12		80		^	7	,	٠;	2 5	=	1	. o	×	4	õ		۶	3 0	5			7	5	თ	11	7	۲.	- •	-
AZ AMP	0.00	000	3.00	3.8	8	8	8 6	8 8	3 8	000	000	0.00	1.00	00'0	5.00	1.00	5.00	9 6	0.00	100	80	800	2.00	0.0	0.00	4.00	1.00	0.00	0.0	9.6	000	800	00.0	00'0	0.0	2.00	8 6	3 8	8 8	800	2.8	8.0	8.	8.	90.0	8	8	88	8 8	9.0
	807	6,0	6.00	3.00	8.0	9.	8 8	3 6	3 8	8	8	8	8.	9.00	9.00	0.00 0.00	8 9	3.80	8.5	8 6	00.1	5.00	4.00	8	3.8	9.00	0.00	9.	8.5	8 8	3 5	8 5	8 8	4.00	9.	2.00	8 8	2.00	9 0	4.00	0.00	3.00	0.0	0.00	1.00	2.00	8	8	8 9	8 6
	45.55	39.13	14.45	6.85	6.58	201.80	6.90	3.03	7 02	4 6		7.07	5.55	9.32	16.30	6.99	60.6	5.93	12.47	3 2	6 15	6.26	21.96	5.72	9.34	16.89	5.84	5.26	5.68	15.47	6.36	, v	28.5	19.45	5.88	5,79	5.47	6 6	83	9 9	13,50	11.38	5.34	671	6.00	29.13	6.15	9.61	5.74	7.45
	1040.36	413.19	486.27	73.24	455.36	2019.02	29.98	10.00	300.99	581.18	12.02	35.89	101.49	283.75	752 28	133.41	775.83	1357.48	680.52	5 50	212.20	105 73	571.38	23.40	61.69	215.41	18.81	56.21	185.46	39.90	40.04	240.34	50.05	75.90	280.39	1077.96	81.49	51.711	25.03	278.82	42.07	35.04	68.37	177.29	55.98	36.62	36.04	32.94	672.25	311.01
	187.72	10.58	33.68	10.69	83.63	6.92	4.34	c : 5	26.33 27.4	20 CF	75	5.13	18.28	30.48	48.14	18.07	65.33	228.73	8, 59	9 5	2 2	16.89	26.02	8	6.62	12.75	3.17	10.68	31.49	2.58	2.50	42.03	8 53	3.90	47.71	186.09	9.5	20.02	, y	31.68	3.12	3.08	12.80	26.43	9.33	1.26	5.88	3.43	117.19	41.83
	N5240B	W/78603	H53893	197618	H56088	H66312	R97050	BLSS6N	M37848	PG0024	CEU2003	R33841	H80558	R14894	R92285	R21785	R19183	AA026807	R92292	74461136	0000	62692	H77714	AA040269	H72932	N26802	N49375	HB2532	AA453273	W58342	H/9046	46569	2999	AA004684	N99603	N49895	R22252	N 74059	188803	P07594	AA485883	N57927	AA045257	R92163	AA464605	H02340	T67549	AA497085	AA453831	H09914 AA453728
	246143	345670	202740	121661	203772	210673	201562	294868	191508	132 133	105314	136218	239692	129567	195820	130371	129922	368389	195821	0000//	630030	92.024	233446	376055	213871	257011	280386	220077	185371	341654	233719	0,000	243048	428773	294150	243656	130835	296749	115223	125685	A11128	247230	376652	195487	812975	150702	66982	897497	813673	45397
	5222	200	223	5230	5232	5233	5244	5248	5252	626	7070	5285	5266	5267	5272	5273	5275	5277	5280	2780	200	2002	5005	808	8	53.00	5317	5319	5327	5328	5329	3	5	5344	5345	5348	6350	5353	5354	2000	5367	27.7	5372	5373	5383	23.22	5390	5382	5395	5396 5406

Page 24 of 91

	_	Esophagus Overy C	87.85 Neural Gall biadder Thyroid	idney	mbilical cord I	<u>.</u>	57.43 Thyroid Foreskin Blood	, er	328.45 OKIN Appose Signature 327.03 Trentes Destruction Thurside	ensil, y	NS	erm Cell	reast	g.	100.33 Thyroid Umbircal cord Spieen	Smooth music Critis	2004 temps const	Approx Conde	Muscle	Tonsi Breast C	Blood Brain	59.88 - Tonsil CNS		471.03 Overy Stomach Ear	250.6 Small intestineBone marrow Stomach	340.59 Thymus Lymph Blood		Bucress Heart		270.0% Far Foreskin Breast	Auscle Heart	Parathyroid	dinec Thymus	oo d	87.34 Inyroid Aona vanoreemoryo	421.71 Paoi LID not found Other	LVer.	601.45 Placenta Whole embryoProstate		19.44 CNS Tonsil Overy	Paralhyrod	260.03 Ear Muscle Tonsti	Small intestinectal inymus	5 2	CNG Cord Decision		510,06 Piacenta LIU not found Other Disperts Kidney	261.25 Placente Breast Heart	Germ Cell	Ovary Brain Pool
		2	2	2	S	1	ឧ	2 !	= :	5			9	φ.	ec •			•	-			12	7	9	2	-		8	8 5	2 5	2 =	Ξ	8	Ξ;	× -	. ō	-	~	4	2	9	=	4	n •	<b>0</b> 4	٥ ﴿	2	Ξ	-	
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	8	12.11	13.87	6.07	5.78	1,67	7.63	14.1	10.21	2 5	7.12	99.9	5.57	5.27	6.9	9 :		9 6	7.76	27.35	10.98	14.88	5.84	11.79	5.98	10.51	28.27	5.58	12.93	9.5	5.50	7.36	5.03	5.20	5.75	5.65	11,10	5.23	5.35	<b>1</b> .	7.86	8 3	6.04	200	ני ני	6.35	6.76	07.75 25.80	2 5	7.93
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	2.40	8	29	2.40	127.85	6.87	5.17	2.11	5.55	8 8	2.2	51.37	2.10	0.87	99.6	660	, d	6.00	37.73	4.D8	5.22	3.39	105.24	69, 15	228.90	4,64	2.75	8.	4.49	79. 12. 10. 10.	59.0	3.75	1.99	22.82	20.00	2.45	5.55	11.61	13.57	15.84	28.72	8	81.49	18.48	6.74	86.58	98 2	85.47	14.30	2.25
	H70473	AA458197	N91980	H57180	H71868	R41839	H22563	AA405769	N76581	0C170U	840400	W67323	AA453338	H16573	AA453410	H21041	H23187	A4336770	AA028803	AA283693	AA481508	AA279883	H14841	AA446478	H75647	AA132090	H52162	AA026112	AA459588	H09614	AA447098 AA195959	N91385	AA504617	AA476543	N59716	R02718	R99311	R35253	R02820	177847	N55497	R10015	N77205	1980/5	174714	N45244	R68994	198615	Napasa	R05837
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	80%	81.8	84.28	3	5440	5443	5448 84	3	\$5.5	8 2	3	26.5	5475	5478	5480	5485	25	<b>5</b> 5	9900	5510	5516	5524	5533	5538	5543	5548	5552	5555	2560	555	2965	256	5567	5568	5570	5583	5590	5596	5599	5605	5610	5615	5617	5619	2823	2630	5632	2632	8 5	<b>3</b>

Page 25 of 81

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	Prostate	Other	}	Other	Otho	O(Pe	Olhar	Whole embryo	O Pari	Olhe	Placenta	O. Per	O; Per	Foreskin	O. Tarl	<u>8</u>	ਨੂੰ ਨੂੰ	LID not found	) 2 2 3	8		Breast	ja S	Other		Blood	d Placenta		Clerus	5 C			3 2		SK	d Other	d Other	d Other	Cerv	d Other	Parathyroid		Tests		LD and found	5	Accept	200	200	Tower or	Kidney	Ripord
	Placenta	11D and found Other		LID not found	LID not found	LID not found Other	LID not found Other	Aorta	LID not found Other	LID not found Other	CNS	LID not found Other	LID not found Other	Gall bladder	LID not found Other	LID not found Other	LID not found Other	Pool	LID not found Other	Placenta	,	Ovary	LID not found Other	LID not found Other		Spleen	m Adrenal glan	Eye	Germ Cell	CID not found	LID not found	בוט מסו זסטים	110 and found	Tonsil	Smooth musc Pancreas	UD not found Other	LID not found Other	LiD not found Other	Pool	LID not found Other	Uterus	Small ImestineGall bladder	S I	900	Broin B	E S	Prostote	Skin	Contain mind on the	Implificational Constitutions	VoPool	SNUJA
	46.9 Blood	ď	284.08	Pool	243 Pool		Pool	384.54 Tonsil	236.72 Pool	544.88 Pool	345.66 Eye	336.98 Pool	P.80	Pancreas	220.58 Pool	<b>8</b>	506.5 Breast	Adrenal gland Pool	8	35.88 Pooled	15.07	227.6 Parathyroid	P. 00	P08	673.59	167.19 Liver	32.22 Synoval mem Adrenal gland Placenta	402.9 Germ Cell	453.05 Placenta	8 1	8 6	1001	Production of the contract of	Placenta	267.41 Smooth mus		Pool		204.26 Placenta	8	Ed	238.33 Small intest	457.31 Pancreas	ZO OD Carping	O. de Prostate	108 81	Blood Blood	Diorogical Transition	416.17 113100	TIO.30 Mariow	71.09 Whole embryoPool	575 3 Darinhara Das CNS
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2A	800	8	<u> </u>	8 8	8	8	500	1.00	000	0.0	0.0	1,00	0.00	2.00	5.00	0.00	1.0	0.00	1.00	0.00	0.00	1.00	2.00	0.00	0.00	6.9	0.00	0.00	0.0	9.5	0.0	8.6	8 8	8 6	8 6	0.00	0.00	4.00	1.00	2.00	5.00	0.00	0.00	5 6			3 6	00.6	3 6	9.6	8 0	
Table 2A	8	8 8	3 5	8 8	3 00	9.00	4.00	2.00	8.00	9.00	9.	5.00	5.00	5.00	5.00	2.00	1.00	9.	5.0	2.00	2.00	000	9	8.	8	6.00	8	8.	1.8	8	9.0	5.00	8 5	9	8 6	1.00	1.00	1.00	0.00	2.00	2.08	9	1.00	9.9	8.5	3 5	3 6	2 5	3 5	00.6	3.00	
	5.45		4 4 4	Ç	7.64	0.04	13.82	6.47	12.55	8.74	16.80	6.36	7.56	16.46	17.83	6.48	11.26	6.34	6.30	6.52	7,13	5.46	15.03	<b>8</b> .	38.70	5.95	5.7.	5.88	5.47	6.70	5.75	6.59		10.00	16.97	19.9	6.14	6.82	6:33	7.87	7.22	5.51	14.73	28.72	6.32	, . 	 	0.70	00.7	5.83	2.87	
	17.67	13.64	27.04 20.34	05.30 43.50	131 41	98.74	685.43	50.67	44.23	132.58	61.83	282.25	145.45	91.00	180.28	656.99	56.47	471.73	202.66	12.53	22.03	62.07	206.53	507.83	365.12	174.79	19.20	12.37	32.43	662.04	64.31	436.73	98.87	44.63	12.88	20.28	37.21	18.03	132.39	162.07	550.08	139.90	2.2	303.83	12924.63	8.80	10.505	33.24	60.00	13.72	105.49	! 5
	1.24	,	11.75	9 6	17.23	10.93	49.61	7.83	3.52	15.17	3.68	4.36	19.24	5.53	10.11	101.25	5.01	74.43	32.16	1.82	3.51	15.02	13.71	73.17	10.49	29.39	3.36	2.11	5.93	128.72	5.19	66.30	14.99	8 5	0.76	2.38	90.9	2.64	20.72	85.05	76.19	25.40	4.33	10.58	2046.09	10.99	70. P.	2 C	14.6	5. 5 5. 5	13.41	2 ,
	Togge	00000	105807	10000	HABAR7	N71565	H60317	R36006	W01645	H50491	R68272	W02401	H60523	N35301	R99386	W02591	H23983	H60686	R99682	R78580	R24258	AA464202	R99680	VV00793	N51521	H65052	T80848	AA013240	R32406	H69576	R99938	W01026	H78097	H51564	AA450168	H75690	T89674	H48318	N76193	H62168	H79007	R40794	R39464	AA458884	N91584	H09938	EB/981	146663	AAADSAS	AAA80815	AA100296 H15834	1000
	47174	00000	12/535	130430	2000	295044	207881	137139	295106	207988	138444	295690	207952	271962	201229	296094	159725	208984	201314	144880	131239	810403	201317	296559	281475	210548	109314	360075	135688	213118	201784	298602	240430	208940	795893	211351	122707	201818	284592	208434	233645	28012	22932	810813	303048	46356	1222/4	10101	742101	810724	511066	0000
	CSES	3 5	\c <u>2</u>	0000	25.5	5674	5677	5678	5682	5685	5887	2690	5693	9899	2697	5698	5703	5709	5713	5715	5719	5720	5721	57.22	5724	5725	6726	5728	5731	5733	5737	5738	5738	5741	5748	5743	5750	5753	5755	5757	5759	5783	5787	5788	5790	5791	£ .	27.30	8	5812	5820	5 6

Page 26 of 91

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						Table 2A	3 2A				
E	769028	AA426311	5.01	151.45	30.25	00.0	8.	<b>!</b>	320.28 Whole embryoAorta	oAorta	P8.
. 2	809598	AA458472	36.49	297.75	8.18	6.00	0.00	•	118.71 Thymus	Ø.	Adipose
7	23173	175436	7.67	39.39	5.14	1.00	000	4	457.01 Adrenal gland Eye	dEye	Brain
28	137017	R35665	0.77	10.38	13.44	0.00	1.00	^	252.33 Placenta	Eya	Cervix
157	897998	AA598652	8.76	73.88	8.43	6.00	0.00	n	701.85 Kidney	Tonsit	Thyroid
159	667883	AA258396	38.68	259.23	6.70	0.00	1.00	12	311.24	Aorts	Foreskin
196	842784	AA486305	673.78	5862.61	6.70	2.00	0.00	5	384.44		Umbilical cord Esophagus
99	380057	AA046411	<b>80.04</b>	303.58	200	00.	0.0	4	382.93 Smooth musc	C Coll bradder	Eye
7	430318	AA010609	46.12	232.69	8	90.	000	23	119.23 Parathyroid	Kidney	Breas
378	815239	AA481277	3.85	28.18	7.31	1.00	000	61	239.99 Skin	Inyrod	r ya
뚌	826135	AA521346	8.15	41.31	5.07	0.5	00.0	9	132.5 Stomach	Nose	
2	209518	H65260	1.69	88.88	χ. Σ	0	000	;	8	משמ אסי טוו	
391	810942	AA459380	42.16	222.37	5.27	00.1	0.00	×	351.05 Blood	Fancreas	807 <b>9</b>
382	127408	R08755	31,42	167.01	5.32	3.00	8:	•	7		1
901	827144	AA521243	8.79	135.51	15.41	3.00	0.00	~ ;	223.55 Neural	i duo	
8	725503	AA292995	24.20	144.22	5.95	2.00	00.0	7 >	51.16 Lenynx	Foodo	TOTAL STATE
96	49117	H14804	, c	40.04 0.04 0.04	5 6	8.6	3 5	۲ ۲	345 1 Placents	100	Heart
- 5	198644	A44845	4 2	25.03	3.94 R 42	8.5	3 8	٠ -	601.35 Nose	Gat bladder	Umbilical core
2 .	040031	AACOGCAB	200	1244 27	2 Y	8 5	8 6	•			
200	10000	AAA84547	2 0 0 3 4	20.14.2	6.0	8.5	88	11	257.7 Lymoh node	Tonsi	Blood
3 6	675307	08000	132 (7)	2000	2 6	80.0	8 8	: -	292 92 Carvix		
, ,	20/081	COSCO	10.261	423.46	20.0	00.0	8 5	. 60	114.61 Small intestinePooled	nePooled	
* 5	205445	A A COC30	9.45	71.40	79.67	90.5	3 8	:		Luna	Ovav
7	009119	A4436333	9 6	0.40	1 27	8 6	3 5		Breact	P 6	(10 pol form)
450	10901	187261	29.82	207.02	7.7	9.00	3 8		Profession	Placente	Po 1
796	132030	0867	<u> </u>	25.50	4.0	9 6	3 8		9 4	land Jacob	ID out found
<b>*</b>	191516	H36146	20.7	1	14.33	3 6	3 5		Toefi	Henris	100
200	184351	Heder	7.07	401.07	, i	3 5	8 8	·	645 1 Forestin	Heart	Whole embry
8	185853	T00004	DR 50	22.52	10.12	8 8	8 8	•		110 and found Other	Other
0/6	122859	1886	20.0	201.02	0.0	3 8	3 8		5		
972	242700	194163	16.35	04.701	30.6	3 5	8.6	ş	and the state	410 404 (1)	9
975	131446	R23952	3.77	25.27	6.70	2.00	8 6	2 9	338.83 Piacenia	Lib not found Other	O Line
976	244781	N54407	13.56	258.48	90.6	9.4	200	⊋ •			Out of
983	134235	R31154	66.93	542.63	6. 10	8	86	ה	243.89 Piacenia	2000	100
384	196125	R92347	24.08	233.28	8.69	8	0.0		Eye	Parathyroid	Hear
8	196303	R92435	2.85	16.92	90.	8	000	-	592.58 Ovary	8 6	ions:
8 2	143322	R74357	4.83	86.93	17.89	8	000		Placenia	200	Pancress
88	196350	K92545	119.58	1124.56	9.40	8	0.0	,		בונה חסו וסחום	
914	202209	H52534	12.93	79.88	6.18	8	0.0	ō.	538.56 Liver	i yo	100
910	196345	R92455	121.53	1332.25	10.96	8 8	000	4	4/0.33 Muscle	Inyroid Stome	Siomach
948	243770	N39325	90.03	02.787		8.8	3 6	r	1305		0
5	66815	T64956	18.90	121.28	0.42	8.8	3 6	, ·	50.054		
623	136317	K34121	86.89 84.89	325.65	# C	8 8	8 8	- >	95 38 Dool	and Other	o digital
720	128342	K16431	16.30	136.34	9, 6,	3 8	8 8	ζ α	247		
9 5	134401	20000 800100	2.0	28 84	00 5	8	1.0	' ኢ	144,63 Gall bladder	r Eye	Paralhyroid
3 6	243784	N33927	22 22	210.26	9.46	5.00	9:00	9	104.03 Lymph rod		Uterus
260	120097	T95151	4.17	53.46	12.82	2.00	000		Pool	Tonsil	Colon
035	293683	N94181	55.73	758.70	13.61	8.4	0.00				
980	208570	H63223	3.12	32.78	10.50	2.00	0.00	0	463.92 Pool	LID not found Other	d Other
037	66697	T64881	5.14	25.73	5.01	<del>1</del> .8	0.00		Spleen	Whole embr	Whole embryoParathyroid
980	242070	H94238	5.01	41.59	8.30	8.	3.00	4	678.51 Pool	LID not found Other	d Other
980	233318	H78863	3.73	34.83	9.37	1.00	0.00	80	477.89 Pool	Brain	Eye
90	290054	N64671	7.33	37.08	90.9	1.00	0.00		CNS	Aorta	Whole emby
042	230247	H94834	11.15	82.07	7.38	0.00	3.00				

Page 27 of 91

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	Whole embryo	Brain	Lung		Kidney			Pooled	Cervix	LID not found	Prostate		Other	Whole embryo	Other	Other	longil	e co	Testis	LIO not tound	Cervix	LiD not found	LID not tound	LIU not tound	į	E a	100	Over	Olher	Germ Cell	Other	LID not found	Q. Per	Skin	1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	, in 1	g e	Other		Lung	_		•		<b>B B C</b>	, ie-	ng de	Kana	Ovary		Prostate
	<u> </u>	Ovary	_		Breast			Stomach			Pooled		onuq	Breast	UD not found Other	2	Uterus	LID not tound Other	Gera Cell	0 :	Uterus			Cvary	Control College	Bane	Kidos	Stomech	LID not found Other	Ovary	LID not found Other	Pool	LID not found Other	: 1 m	Inyroid Long		LID not found	LID not found Other		Testis	Eye	Foreskin	Parathyroid	Hear	LID not found Grae	100	חפפת לפיימים	Pool	Breast	Foreskin	Parathyroid
	268.06 Gall bladder	3.09 Parathyroid	25.84 Placenta		CNS	134.37	20 03	Aorta	Foreskin	gnore	215.71 Smooth musc	243.11	94.41 Foreskin	354.55 Thymus	Ovary	558.69 Pool	276.71 Overy	P00	Prostate	Foresian	64.16 Germ Cell	Pancreas	Prostate	6 2 3	28.08	Adinosa	Authorse .	377 24 Thuroid	Pool	Placenta	P 00	Cervix		252.77 Liver	Pooled Door	POG 50 Forestin	53.22 Pool	60.52 Placenta	150.31	Placenta	Foreskin	Nose	357.99 Nose		Foreskin	010 0000	42.02 CN6	POST Placente	34.68 Marrow	77.15 Blood	i03,11 Placenta
	366	, \$	42			٠. چ	4	Ž			1 21	2.	8 4	33		2	×				9			•	~ 6	7		6	•				15 27	<del>7</del>		•			_				G :	12		;	2	:	- 6		9
	=	=	=			<b>;</b> =	*	•			~	==													•	-							_			•															
; 2A	0.00	00.0	1.00	9.00	0.00	00.	0 0	9.0	8 6	8	8	8.	0.0	80	0.0	0.00	8	3.00	800	8	8	8	8	8	8 6	8 8	8 8	8 8	8 8	000	00.0	0.00	8	0.00	0 0	8 8	86	00.0	5.00	2.00	3.00	0.00	0.00	9.0	00 0	0.00	0.00	90.0	800	0.00	00.0
Table 2A	2.00	1.00	0.00	6.00	2.00	8	8 8	8.6	2.00 E	800	00.0	8	5.00	5.00	4.00	4.00	0.00	5.00	3.00	8	8	3.00	0.00	2.00	5.6	5.00	8 8	8 5	8 8	8 8	3.0	8.00	2 00	8	8 8	3 8	3 5	8	2.00	0.00	2.00	7.00	16.00	8.6	3.00	1.00	2.00	8 8	8 8	28	2.00
	6.19	7.18	5.18	22.30	6.40	5.95	5.83	970	3.45	5.5	14.43	96.9	6.77	10.63	10.97	9.10	5.43	7.36	9.76	5.77	6.07	16.57	5.15	6.39	8.55	9.68	7.36	86.7	6.67	30	8,97	9.9	7.41	6.26	ė, i	50.02	12.17 12.17	9.87	7.36	7.87	9.00	7.98	19.44	6.05	9.52	6.03	15,45	5.03	22.01 5.73	6.17	10.00
	23.26	15,80	12.87	1326.43	58.31	92.37	15.53	486.87	02.03	5.53	45.78	977.85	106.59	644.48	48.88	321.13	420.72	118.61	44.78	64.46	37.53	91.61	33.87	39.05	843.44	423.77	30.64	218.85	87 75	2.6	247.29	43.67	1118.42	37.27	551.59	14.96 14.96	38.73 42.87	33.60	55.44	43.00	1362.44	90.12	60.77	60.79	70.52	15.47	57.93	14.82	48.58 8.58	153.48	14.61
	3.76	220	248	59.47	9.11	15.54	2.64	/B./B	UL 202	9 6	71.6	140.53	18.46	<b>60</b> 64	4.46	35.31	77.49	18.11	4.58	11.16	<b>6</b> .18	6.53	6.58	4.65	88.69	74.60	9 7	12.25	86.02	7. P	27.56	6.39	151.03	5.96	58.01	1.87	3.02	3.40	7	5.48	151,34	11.29	3.13	9.40	7.41	38	5.73	2.89	2 G	24.87	1.48
	H55966	W02483	R25114	N49231	N49774	AA431972	H79613	197590	11208N	MARKED	N52254	H55784	N23753	H25846	AA464517	N52535	AA031770	H80336	AA448484	W90001	N73555	W86466	N72384	AA427978	H77508	HB0724	AA046424	AA434390	AAA64738	A4427521	N73227	R89581	H81048	H75832	H69528	N53167	W30749	R31218	T67223	R26396	R67903	N21592	W38022	AA046112	N35892	R26456	W93662	197850	W93847	N67839	AA004415
	203514	295741	131824	280122	282404	782203	240138	121811	307314	410056	284341	203474	268000	16198	810203	244722	470846	241097	782537	417305	295992	416611	245062	77 1023	233299	241507	488202	770866	810609	129618	245478	195370	230509	233071	212438	246768	418299	134312	66656	132217	140267	266161	322223	376643	272548	133192	357285	121648	357396	781712	428431
	6043	9	6047	6048	6052	6033	6057	8058	8083	8 60	98	200	6075	6029	6083	6085	6086	6009	6092	6095	2609	6603	6101	6103	6110	0113	6115	6116	9119	2719	6125	8127	8129	6130	6131	6133	929	8138	6140	6143	6144	6148	6156	6160	6168	6171	6191	619	6203	6215	6219

Page 28 of 91

2000	25		. 6	Table 2A	2.4	<b>#</b>	131 77 Whole embroodvary	VoOvar	Kidney
213850 H72388 20.72 218.92 10.55 10.	218.92	10.55 5.48		3 8	0.0	<b>=</b>	TOUR ANIMA GIRD	y covery	No. of
N81017 2.99 24.88	24.88	33.		5.00	0.0	5	400.44 Spleen	Tonsil	Foreskin
H68542 23.67 137.65	137.65	5.62		0.1	0.00	7	743.9		
AA284287 2.88 17.03	2.86 17.03	5.96		1.00	0.00		Heart	LID not found Other	Other
830.09	44.42 830.09	18.66		8 8	8 8	4	aga ag Bond marrow Meed and her Planetta	iesus w Head and ne	UD not found
•	2.47 22.30	9.6		9.4	800	2	549.96		
R55830 6.94 49.19	6.94 49.19	7.09		1.00	0.0	-	32.1		
H54419 104.49 1043.38	104.49 1043.38	9.89		4.00	8.0		Testis	8	LID not found
11.58 64.71	11.58 64.71	5.59		8	8	<b>5</b> (	115.51 Heart	LID not found Other	Other
AA02666 27.53 139.08	27.53 139.08	3 3		3 5	8 6	<b>»</b> :	18.7.7.7.8.	1	
1518 10	26.755 75.57	ē 6		3 5	8 8	¥	į		
W0753 4.39 40.09	4.39 40.09	2 6		8 8	8 8	-	165.59 Heart	Testis	LID not found
AA284249 15.86 91.15	15,86 91.15	57.23		8	800		Prostate	Heart	Kidney
140.20	25.65 140.20	5.47		1.8	8.1		Pod	LID not found Other	a Other
W16659 3.54 31.61	3.54 31.61	8.83		9:1	0.00			Umbilical cord Aorta	d Aorta
H64150 167.99 1297.51	167.99 1297,51	6.90		2 00	3.00	64	714.07		
W32303 11.36 57.93	11.38 57.93	5.10		1.00	0.00	7	467.75		
AA155030 13.06 70.29	13.06 70.29	5.38		8.	0.00	ιΩ	154.93 Head and nec Stomach	ec Stomach	Umbilical cord
AA022949 4.71 164.27	4,71 164.27	34.90		7.00	3.00	vo	633.32 Lung	Heart	Ovary
AA151265 3.90 29.85	3.90 29.85	7.65		3.8	<b>8</b> 00		Germ Cell	Breast	Uterus
AA011347 11.40 61.38	11.40 61.38	5.39		8.	8.	7	94.72 Cervix	Umbilical cord Pooled	d Pooled
W59170 4.94 44.98	4.94 44.98	9.11		8.	8.0	^	110.66 Pooled	Heart	Kidney
H66518 8.08 56.97	8.08 56.97	7.05		9.	8		Eyo:	UD not foun	d Officer
w	19.13 114.62	8 6		9.6	8 8		Uterus	Lympr	Cung
H59063 35.97 228.38	35.97 228.38	6.35		2.00	8.8		-	1	
W/4254 3.42 20.51	3.42 20.51	9.6		3 6	3 8		Diction	Blood	
A4030708 4.54 5.521	24.80	? 8		8 5	8 8	2	394 98 Head and nec Uterus	sec Uterus	Bair
AAE95015 9.38 17.53	238 47.53	7.38		9 6	8	!	Adrenal aland Blood	nd Blood	Liver
A6112979 8.24 4148	8.24 4.148	20.00		80	8 8	4	280.52 Nose	Stomach	Lymph
AA058323 478.17 3249.59	478.17 3249.59	90		5.00	80	=	18.88 Nose	Skin	Adipose
52.99 317.62	52.99 317.62	5.99		1.00	0.0	-	145.6 Thyroid	Liver	Adrenal gland
AA701545 6.04 34.49	6.04 34.49	5.7		2.00	0.00				
AA609655 15.65 93.01	15.65 93.01	5.67		1.00	0.0		Germ Cell	Testis	- B
AA676804 16.59 118.35	16.59 118.35	7.01		9.0	8	40	104.27 Cervix	Colon	Tons
HB1243 21.79 621.89	21.79 621.89	28.53		18.00	0.00	÷	268.99 Smooth muse Spieen	isc Spleen	Ed E
T61938 10.97 193.22	10.97 183.22	17.61		4.00	0.00	-	706.84 Adipose	Certi	Parathyroid
AA64448 7.62	7.62 75.32	9.85		2.00	0.00	-	93.22 Peripheral ner Bone	ner Bone	Germ Cell
AA626787 8.34 47.69	8.34 47.69	5.73		8.	0.00				
AA291558 2.25 12.42	2.25 12.42	5.52		5,00	0.00		Marrow	Esophagus	Ovary
R43605 2.94 40.75	2.94 40.75	13.88		0.1	0.00	12	427.01 Liver	Brain	Testis
AA834484 9.24 58.62	9.24 58.62	6.35		8	0.00	60	158.88 Untbitical cord Brain	ord Brain	Blood
AA479691 23.06 118.87	23.08 118.87	40 40		80	1.00	8	357.89 Lymph node	le Nose	Gall bladder
AA412084 R 21 34 41	6.21 34.41	55		8	00.0		Adrenal gland Heart	and Heart	Lung
TR2552 8 87 131.55	8.87 131.55	19.71		8 00	00.00	17	475.65 Eve	Slomach	Breast
44400186 10.00 48.04	10.00	5		8	9		Solve	Tons	Ovan
TAROL 00.00	26.00	3 2		8 8	3 6	٧	427 9 Tonsil	, e	Placenta
PC:01 87:01 DC:00-0	13.20			8 8	3 6	, 5	220 A3 March	, v	Brein
K52784 3.33 35.38	3.33 35.38	2 2		8 8	9 9	07	425 C7 Cas	200	E Series
252563 M88328 9.76 210,92 21.51	9.78 210.92	2 4		8 8	8 5	. ±	276 96 Blood	Forestin	Prostate
70 77 PB CV	77 80			5	2 5	Ξ.	221 St Spleen	Kidney	Tonsil
AAA5411	23 28 02 184 76	9		8	9	. «1	162.83 Stomach	Color	Prostate
07:50 20:05 C10#CFA	07.70	,		3	) :	,		;	

Page 29 of 91

Table 2A

1.5

																													٠																								
Germ Cell	Liver	Other	Umblical cord	Other	LID not found	Kidney	Adrenal gland	LID not found	Lung	Pool	Heart	Other	•		ny e			Ey8	S. S.	SKIP SKIP	<u> </u>	Brain	o(her	Lung	Tonsil	Prostate	•	Bone	Color		Testis	Other	Brain	00 1	Coll bhdday	Tonsi		ogo p	Lung	Foreskin	d Olher	Adipose		Whole embryo	Parathyroid	Eye	Hear I	Placenta	Colon	Perathyroid	UD not found		200
	Cervix	found	Stomach	LiD not found Other	Pool		_		Breast	Prostate	Uterus	LID not found	Lymph	Parathyroid	Blood	Bone		Adrenal gland Eye	LiD not found	Thyroid	LID not found	Bone	LID not found	Uterus	Foreskin Tonsil	•	Uterus	Ear Bone	Smooth must		Placenta	LID not found	Heart	Foreskin	Kidney			UD not found	ncThymus	d Ovary	LID not found (	Skin		Неал	Blood	CNS	Muscle				8	Companies of	SC Symonia
ALC OR PROCESS	194 42	19.4 Brain	347.25 Ear	223.28 Brain LID not 9	119.22 .	542.75 Umbilical corr	96.5 Gall bladder	291.03 Brain	Brain	323.36 Breast	199.75 Pancreas	644.77 Brain	121.59 Cervix	237.93 Trachea	387.03 CNS	674.5 Gall bladder	271.02	639.73 CNS	524.72 Brain	417.69 CNS	Foreskin	558.38 Ear	240.78 Brain	-6.83 Foreskin	317.39 Breast	840.65 CNS	Pooled	489.94 Mouth	86.18 Ignore	221.61	83.95 Breast	P00	46.83 Tonsil	Parathyroid	Z74.69 ·	27.44 Overv	476.7 Gall bladder	Pool	117.94 Small intestincThymus	227.72 Adrenal gland	204.36 Pool	118.71 Thymus		Bone		650.68 Stomach	107.18 Omentum	Pooled	267.98 Small intestine	52.62 Piscenta	Cleas	Story Course Second Story	32.73 311000011111
÷	×	: 00	'n	N	4	m	17	6		wo	n	¥O	ď	=	۰	-	19	-	<b>6</b>	æ		ιn	ž.	ô	Ξ	~		7	22	=	×		1	•	ο.	, £	. •	,	9	12	15	9				-	22		<b>~</b>	æ		c	0
8	8 6	200	8	0.0	1.00	9.1	0.00	200	0.00	8.	0.0	9.	2.00	0.00	5.00	8.0	8.0	8	8	8	2.00	8.0	97.	1.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	8 5	8 8	8 6	96	80	0.00	0.00	00'0	00'0	0.00	00:00	0.00	0.00	0.00	0.00	0.00	0.0	00:0	7.00
6	8 6	8 5	000	8	1.00	0.00	8	8.	8.	1.00	9.	0.0	0.0	5.00	0.00	1.00	5.00	9. 0.	2.00	0.00	0.00	2.00	2.00	2.00	2.00	3.80	8	1.00	3.8	8.8	3.00	6.9	5.00	1.00	0.0	9 6	200	8 -	3.00	1.00	00.1	6.00	1.00	2.00	1.00	14.00	4.00	2.00	2.00	2.00	20.	e 8	0.U
8	29.5	8	2 K	50.00	19.48	6.61	7.41	6.48	5.45	5.67	12.27	6.12	5.18	7.90	8.30	5.89	2.05	<u>ج</u> ج	19.46	6.17	8.08	6.93	8.09	7.45	6.46	7.62	20.58	6.90	10,81	10.77	7.16	6.34	8.72	<del>8</del> .09	2.5	6.33	8 5		20.43	5.07	288.89	9.50	7.67	6.22	5.81	23.95	9.37	19.79	19.71	8.04	13.46	8. 8. 6	n n
9 007	4 6 9 9 9	30.53 88	417.09	13 13	80.65	160.39	37.12	888.45	14,14	1149.89	483.21	29.61	861.50	616,12	83.28	1007.34	10587.00	162.67	21.25	190.53	920.03	433.10	764.45	309.91	230.40	50.49	124.83	269.43	47.45	363.84	1824.02	27.01	1123.88	239.91	318.27	1020.03	140.18	14.77	2237.65	53.68	372.24	191.50	89.65	728.09	125,14	119.62	111.11	46.54	70.07	32.06	37.03	2	77.106
,	6.40	5.5	72.25	233	41.4	24.25	5.01	137.13	2.59	202.92	39 38	4.87	166.23	77.96	10.03	170.98	1502.29	6.19	1.09	89.00	113.94	62.53	94.50	4.62	35.68	8.63	9.07	39.07	4.39	33.60	254.66	4.28	167.30	39.36	60.83	160.67	2 2	, i	109.53	10.58	1.29	20.16	11.69	117.03	21.72	4.99	11.86	2.35	3.55	3.99	2.74	4.65	83.54
0007100	A4074222	044050	A4433108	M16989	NS3031	AA148213	N33258	R44955	R44717	H15296	AA159578	R43721	AA630628	AA400234	H15696	AA678021	AA485072	H08862	H10983	N66750	N73448	H11718	R52522	AA088214	W87714	N38891	R10875	W93087	WBOGBB	AA043780	R95841	AA007278	AA063598	N35156	W45629	N73309	AA436628	2000000	AA485739	AA496438	AA034058	AA569055	T51539	AA025246	N91145	AA017544	AA176581	AA115761	AA625655	N92699	AA136666	AA453485	N33274
																																																				795358	
	2 5	3	2 3	6446	98	6452	8455	6456	6464	6469	6479	8480	6462	6490	6497	6498	6506	6203	6521	6523	6524	6525	6528	6532	6546	6554	8582	6570	6575	6578	6591	6598	6293	6602	6504	6608	2299	6700	3 6	6644	6645	8648	6672	6673	6674	6676	6680	6683	6684	6691	8693	669	6696

Page 30 of 91

									TOUR				*				Dunos		found	ğ				q				Adrenal gland						⊆	Ę	}		. <b>s</b> .		9			Ë			77							Umbilical cord
	Hear			Heart	Lymph	er i	8	9	בייה האברות בייה האברות המינים	8338			Buciess		5,	٠ ا تا	LID not round		1.10 pp. found		ģ	Thymus	Testis	Placenta	Other	Omer	Officer	Adrena	Pooled	CNS	8	Lestis	eSkin	Foreskin	Parametri	, Skip	Colo	Foreskin	Other	Prostate			Foreskin	Brain Dia		Thyrold	Other	:	Tostis			E Tall	Ē
	Foreskin			Lymph	Pooled Lymph	ID not found	netymbh		Whole embryoully not tourn	8			Placenta	ispaid.	LIU not round Coner	Adipose			Brain	Call hadder	110 not found Other	Parathyroid	Brain	Stomoch	LID not found Other	LED not found	LID not found Other			Ear	Brain	السع	Small intestineSkin	Inymus	Acrts	-		Kidney	LID not found	Adipose	Kidney	LID not found	Eye	Bone			LID not found Other		Spicen	Brain	CIU not found	Spleen	em Pooied
	440.23 Musde		397.57	230.38 Ulerus	Liver	24.02 Brain	Small intestinetymph		-6.08 Brain	reeds	570.96		545.17 Stomach	234.91 Colon	236.81 Srain	Neura	134.51 Brain	46.24 Ombarda Co	At an Desemble	Fedoral Escapage	40 & Brain	177 49 Ionore	358.28 CNS	Ski	Brain	Brain	316.21 Brain		Gall bladder	95.21 Aorta	446.65 Testis	116.7 Brain	143.7 Ignore	-3.15 -	78.41	350.47 Gall Madder	Germ Cell	537.56 Pancreas	277.24 CNS	Eya	Brain	454.98 Foreskin	385.82 Nose	132.56 Foreskin		102.83 Cervix	586.66 Brain	162.35	Ψ,	230.92 Ovary	Drain C	250.4 Pooled	483,28 Syndvial mem Pooled
	<b>2</b>		12	55		4			•		_	40	N :	2 :	2	:		0 (	,	2	œ		_				80			89	₽	£.	9	_		- u	•	-	12			က	7:	-		-	7	n		7	;	<b>⊕</b> :	17
ส	0.00	2.00	2.00	97	0.00	3.00	2:00	0.0	9.6	8	8	6.	8	8 8	9	800	2.00	3 8	9 8	8 8	3 5	8 8	8 8	8 8	8 6	5.00	8	9.1	8.8	0.00	1.0	0.0	8	8.8	8 8	3 8	8 6	00.0	1.00	0.00	9.00	0.00	1.00	0.00	0.00	1.00	3.00	0.00	0.00	0.00	0.4	0.00	1.00
Table 2A	2.00	8.	2.00	900	1.00	5.00	0.00	8.	8	8	8	0.00	1.8	9:09	0.00	13.00	3.00	9 6	8 8	9.00	3 6	8 5	2	8 6	00	2.00	000	00'0	3.00	<b>6</b> .0	00'0	1.00	2.00	5.00	8.00	3 5	8 6	8	8.	1.00	2.00	9.	000	8	8.	000	8.0	5.00	8	9:	8	0.1	0.0
	6.54	5.95	8.89	6.20	6.72	9.18	7.41	7.49	5.85	71.83	5.98	6.47	11.68	16.97	7.90	22.50	10.25	12.61	2 1	0.0	0.0	7	27 2	77.7	57.8	10.43	5.86	5.61	15.71	10.11	8.32	6.19	7.89	25.73	828	0.0	17.75	5.17	6.59	5.12	10.23	7.40	7.76	5.51	5.13	5 70	8.23	9.56	7.92	7.19	7.46	5.28	5.52
	735.67	309.09	1484.29	167.66	1963.30	88.35	83.60	48.98	10.99	449.41	44.72	358.59	108.65	147.36	244.90	323.40	71.17	78.77	9	20.39	24.60	2.5	45.20	90.40	385.88	245.83	5.74	17.41	213.43	172.52	39.60	19.28	102.08	245.82	31.48	150.84 8.00 8.00	45.90	14.48	43.68	1138.64	88.81	2000.42	105.83	110.16	167.52	380.33	362.11	631.29	82.19	32.34	63.24	51.53	109.53
	112.45	51,96	166.88	27.04	295.35	9.66	11.29	2. 2.	8	<b>6</b> .28	7.48	65.53	9.30	8.68	30.98	14.37	5.65	6.25	2	2.70	8 5	3 5	0.00	2.03	9	88	0.88	13.32	13.58	17.06	4.76	3.11	12.77	9.55	1.61	, Gr	9 6	2.80	6.63	222.27	8.68	270.30	13.63	18.88	32.67	66.78	43.87	65.89	11.65	8. 8.	8.48	9.76	19.84
	N26175	AA702422	AA443587	AA454098	VM5688	R44930	AA460838	AA487543	R54034	AA496149	H08210	T82459	H1368B	R52030	T82461	AA291749	R44840	H11003	/816CM	H15114	AATSUSOO	10720	M4629107	144000	100220	T88939	H15153	AA012939	R27615	R39111	R54073	H15288	AA487218	AA458878	H22568	H98215	133937	AA160670	N62914	AA176819	R52681	N36130	R10823	R58985	155997	AA102053	R53258	AA487070	AA800184	AA428603	H08208	R56100	AA454713
	269433	447568	771241	768256	323500	34008	796278	841396	40009	757222	45607	22374	148225	154172	22378	725321	33860	47359	61/83	49567	107168	25737	700700	0,000	71664	25.60	49588	350240	133637	26568	41495	49810	841314	810801	52021	261194	2020	597728	278657	611324	41842	272618	129020	41345	73244	510790	40449	841185	850355	781442	45601	41070	809738
	8888	6712	6718	6720	6721	6728	6730	6731	8736	6753	6759	6764	6770	6771	6772	6774	6176	6782	678	6785	9/9/	0070	0 7 0 0	7879	8 8	3 8	88	6089	6813	6814	6815	8816	6817	6189	6820	B822	0790	8830	8834	6635	6840	6842	6844	6845	6849	6851	6856	6889	6863	6865	6869	6875	6878

age 31 of 91

						Table 2A	₹				
	50477	H17034	45.28	244.57	5.40	0.00	3.00	~	568.11		
	50615	H17513	61.16	399.60	6.53	0.00	8.	60	118.05 Testis	Brain	Heart
	897578	AA496871	12.94	71.13	5.50	0.00	1.00				Foreskin
	40491	R55673	18,09	113,46	7.05	2.00	3.00	C4	480.97 Brain	Lung	LID not found
	71312	T47625	55.70	682.13	12.25	8	2.00		Spleen	Eye	Greskin
	74738	157359	35.63	190.20	5.34	2.00	000	o	392.46 Spieen	Seve Cerve	Cvary
	564514	AA121697	20.51	105.24	5.13	8 9	8.6		g Grad		Ometato
	809455	AA443099	225.23	1135.07	5.04	8 8	800	,	10107	Domithumid	Contra
	86160	172336	6.50	58.06		9.5	0.00	<	86.99 Liver	Paramyron	LD not found
	33814	R44/14 T06605	3.01	23.1r	7.70 8.78	8 5	8	σ	382.37 Adipose	8 8	LID not found
	121250	1 90903 N 51838	683	60 6	9 99	300	8 8	,	Pooled		Placenta
	131860	R27975	7.46	44.19	5.93	3.00	000		Placenta	Caton	LID not found
	247089	N57858	0.94	20.21	21.42	1.00	0.00	19	101.7 Blood	Pooled	Parathyroid
	291290	N72228	6.43	84.31	9.93	1.00	0.00	×	143.33 Bone	Foreskin Pool	Pool
	271076	N28918	9.42	102.30	10.86	0.00	0.00	φ	401.87 Foreskin	Placente	Kidney
	199241	R95867	3.56	20.08	5.85	0.1	0.0		Pool	LID not found	Oi <b>h</b> er
	133864	R28660	4.19	66.73	15.92	5.00	0.0	12	69.28 Aorta	Cervix Panch	Pancreas
	239615	H78538	55.96	335.56	<b>9</b> .00	0.00	1.00	m	182.18 Pool	LID not found	Other
	810890	AA459278	7.92	42.08	5.32	1.00	0.00	-	88.34 Breast	Coto	Ovary
	270889	N32502	9.52	57.27	6.01	1.00	0.00		Foreskin	Pool	LID not found
	125118	R05293	38.74	202.03	5.21	1.00	0.00	8	24.47 Pool	LID not found	Other
	758338	AA404278	32.23	169.82	5.27	9.0	0.00		Neural	Geral Cell	Breast
	134011	R31262	4.99	35.61	7.17	9	0.00		Placenta	Brain	LID not found
	291827	87297N	7.25	51.54	17	00.0	1.00	6	407.26		
	288478	N25798	4.63	27.78	6.00	90.0	0.1		Foreskin	Pool	LID not found
	223988	W46433	15.18	104.59	6.89	2.00	0.00	8		ic Cervix	Adipose
	294535	N71028	6.27	55.78	8.89	3.00	0.00	=	27.72		
	428756	AA005219	9.72	72.55	7.47	3.6	0.00	~	619.95 Brain	Ovary	Pool
	489800	AA099820	7.65	10.77	10.06	9.	0.00		Uterus	Color	Brain
	207275	H59618	<b>2B O</b>	5.72	5.90	9.0	0.00	~	334.11 Tonsil	Foreskin	Kichey
	307138	N93721	2.30	14,14	6.16	9.	0.00	Ξ		Pool	LID not found
	123811	RD1448	228.40	1373.17	10.9	1.00	2.00		00	LID not found	
	344854	W72972	7.37	132.81	18.02	<b>9</b> .00	3.00			Prostate	Parathyroid
7043	268258	N3000B	61.41	614.11	7.54	2.00	0.00	2	508.28 Foreskin	Breast	Placenta
7046	358689	W98473	4.72	26.95	6.70	9:0	0.0		50	Pancross	Lung
7047	324333	AA284109	40.55	225.22	5.55	9.5	8.0		isuo:		Frograme
7053	321886	W37628	17.28	116.54	999	8.0	<b>S</b> (		A A A A	Diedsi	inglish of the control
7057	289182	N70553	89	30.57	6.25	0.00	8 .		B		
1060	207932	H60514	7.151	903.67	60.5	9.6	2.00		2	Parathonid	Probed
9 9	221908	W3/500	2 2	34.60	20.03	8 6	90.0	<b>L</b> 7	287 05 Pancress	Ovary	Color
2072	250883	N23454	28.30	198.48	107	00:0	8		161.52 Gall bladder	Foreskin	Lymph
7075	143145	R73661	161.71	1126.96	6.97	2.00	0.00	12	246.56		
9202	417059	W87801	12.82	85.35	6.88	2.00	4.00		Kidney	Pool	LID not found
9202	503334	AA134111	14.22	88.89	6.25	1.00	0.00	=	130.57 CNS	Uterus	Placenta
7080	877827	AA625632	1739.50	9099.75	5.23	1.00	00.0	~	174.16 Umbilical cord	5	Larynx
7087	345034	W72284	7.49	552.19	73.72	2.00	0,00		Breast	Kidney	Placenta
2090	245174	N54456	53.28	299.58	5.62	0.00	5.0		Umbifical cord Thyroid	nd Thyroid	Stomach
7092	240578	H90296	120.80	1407.02	11.65	7.00	3.00	80	99.74 Pancreas	P. 00	LID not found
7093	347613	W81504	12.41	71.32	5.75	0.0	1.00	-	111.21 Pancreas	Hear	LID not found
7094	488276	AAD85759	8.44	91.42	9.65	8	0.00	m	43.88 ·	Clers	Foreskin
3086	460114	AA676840	6.39	41.43	6.48	8	000	,	Prostate	- Crung	Lesns
1097	298104	N70759	23.56	169.43	7.19	8.6	9.5	£.	268.41 Pooled	Whole embryo lests	o lests .
7108	769712	AA428959	<del>2</del> .	53.49	5.03	1.00	0.00	•	17.79 Cvary	Paramyroid	TOO EE

Page 32 of 91

	18 347.76 Uterus Piacenta Pool	The state of the s	Pancreas Umbilical cord Blood	ner.		333.71 CNS Kidney	Parathyroid CNS	Neural Eye	11 Z39.66 Blood Placenta Pancreas	/ 424.13 2 cel 46 CNS Acremal pland Dowland	Perioheral nor	Skin Parathyroid	vial mem Smooth musc	14 251 Liver Spleen Pool		Brain LID not found Other	ita LID not found	1 264,5 festis Brain LIU not round	Paramyroto	or to	Small infection	CNS LID not found	_	Brain LID not found	Yorla	Brain	Synovial mem	rool Imbilitat cord	Kidnev	LID not found	Liver Whole embryo	Placenta	Prostate Tests LID not found	Far Placenta	Pool UD not found	Thymus Skin Testis		1110	5000 Gellin Cell 70018	Bone Blood	, _	Brain LID not tound	Spicen	LID not found	Uterus	Pool Coon Liu for found	niestine	8 81.28 Foreskin Whole embryoGerm Cell
Table 2A		0.0																																							8.8							
Ta																																	1.00									1.00			1.00			
		5.50				-							68.5							8.12								9.33					5.40						39 11.52			49 5.20			7.00			7 31.75
		18.27		161.47			.,																					17.94					68.14								210.46			_				92.77
	7.62	3.32	2.28	15.29	179.73	7.12	44,92	0.72	5.70		e co	20.00	61.91	3.15	24.04	14.47	49.42	14.47	2.78	77.36			20.25	1.31	70.03	1.86							12.28			_				70	17.7	427.4			3.78		•	2.92
	T49530	AA701081	H10981	149802	H23081	W73473	T50041	<b>T64216</b>	R80779	T62577	AA682815	161017	R54848	N58558	T51290	R66415	T40888	R52635	H22956	R53442	H19417	AAUBBBB1	R42698	H19217	W46577	H23256	AA664180	H24347	AA621250 056437	854558	741032	W47362	T98628	AA664378	W01885	AA458488	N82273	N34637	W80323	H/0803	N82080	H49517	AA457718	R98293	AA14765	AA004652	H48251	N31948
	67625	397495	47355	68636	51743	344430	70152	80228	146868	79743	450453	1150	154472	248412	71783	41548	60882	40108	51839	40038	51397	511808	30002	51.5	324122	52432	855523	22066	744363	34770	81838	324715	122183	910367	415250	808608	280231	271280	416279	234121	281162	178656	127018	201217	208897	428749	201855	272038
	7108	7110	1	133	73	7139	7148	7152	7153	7159	7165	2 :	7187	7104	7198	7209	7215	7216	7221	7232	7245	7246	1971	7253	7254	7277	7278	7285	7287	207	22.2	72	7298	202	8 2	7322	7324	7332	7335	2	2 5	7363	7366	7367	7368	7370	7383	2 2 2

Page 33 of 91

						Table 2A	₹					
7427	376475	AA041396	104.18	533.03	5.12	1.00	0.00	11	53.69 Lung	ŝ	Placenta	Ovary
7432	857284	AA669689	17.25	137.53	7.97	00.00	8.	•	368.74 B	rain	Foreskin	Colon
7434	359285	AA016234	36.46	518.88	14.23	0.00	1.00			Foreskin	Heart	Kidney
7440	283925	N63943	129.20	761.43	5.89	00.1	2.00	5	162.07		:	;
7449	4 167 50	W86521	12.78	74.51	5.83	1.00	80:0		_	Poor	UD not found Other	Other
7466	210486	H66478	191.51	1175.82	6.14	00.1	8.	<b>9</b> :	96.667	199 96 Umbilical cord Thyroid	Thyroid	Ear
7456	344589	W73144	14.83	512.53	8	6.00	8	₽	136.15 Lymph	LQ III	DOO!	Hear
7462	782782	AA448167	9.71	53.81	2. S	0.0	800	•	- 6	10505	City not toung Curer	
7466	272990	N36123	65.27	356.58	5.62	8.6	8 8	90	18.80 FORESK	O SEALT	Whole emboroprostate	Production
7468	741950	AA4U2883	P .	108.04	70.77	3 2	8 8	. 4	123 72	Small Intestin	Small intestineties and nec Esophagus	Esophagus
7480	655910	AA630328	5.72	47.59	9.0	3 8	8 8	<u>.</u>		CNS	Eye	Kidnoy
7484	257182	N30553	3.68	66.74	17.21	8	8	61	244.11	Placenta	Pool	Parathyroid
7488	362059	AA001432	8.32	141.98	17.05	5.00	1.00	19	195.94	Pancreas	Pooted	Eye
7490	24818	R39069	7.28	41.29	5.87	1.80	0.00	တ	226.16	Eye	Colon	Aorta
7493	510381	AA055585	37.95	312.68	9.24	2.00	0.00	õ	32.40 Eya	iyo i	Skin	Ecophogus
7	809828	AA455521	13.11	127.97	9.76	1.00	0.00	æ	417.63	lonsi	Blood	Parathyroid
7496	46051	H09064	11.43	63.49	5.55	0.00	1.00	7	624.62 Brain	r gg	LID not found Other	Orien
7500	50847	H17929	10.39	80.08	5.78	8	0.00	ъ.	2/8.6	Stain		i e c
7504	47459	H11453	8.0	111.48	27.93	9.6	000	- (	192.55			
7512	45531	H08541	1.57	8.90	ຕິດ	9,70	9.5	٧ .	76.104	į	Cideou	to on the part
7516	50749	H17322	4.74	28.00	11.82	8 9	5.00	ю с	288	Drain Orain	Noney	CID NOT TOURS
7517	770424	AA430675	8	128.48	6.43	8 5	0.00	<b>.</b>	137.48	Cvary		orain Conti
7523	773479	AA427899	303.30	1788.94	9.80	0.00	6.9	<b>.</b>	710.42	Adrenal gland	Lympa Cervi	Ceraix
7532	50173	H17484	23.31	224.14	9.62	8 8	9.00	7	356.74	O Pro	CIU not round	
7533	32304	R42894	0.70	66.28	/8.0r	00.5	9 6	? 5	130.03	Class Broken	1000	Adrenal aland
7534	747115	AA405800	9 8	1/3.10 6.36	) · ·	800	8.5	· «	447.85	Brain	LID not found	
3	19577	83088	70.1	0.20	0.10	9 6	3 8	•	90.135	i de	Dropet	Drostata
ž ;	140574	R56139	6.20	81.27	8.5	8.5	3 8	2 ≪	438.63			
7546	80935	T48607	0.0 10.00 10.00	106.23	5.87	8 8	8 8	. 5	499,34 Ear	Ĕ	Placenta	CNS
100	07870	140092 D52798	, e	94.88	5.25	8 8	8 8	!		Brain	Testis	Lung
7686	195488	R91539	17.69	110.72	6.26	2.00	0.0	5	147.98	147.98 Vitholo cmbry		CNS
7556	34010	R44647	41,18	374.58	9.10	6.00	5.00	16	193.03	193.03 Lymph	_	LID not found
7557	135630	R31562	10.59	64.53	6.10	5.00	1.00	4	450.16	Placenta	Pancreas	Ovary
1571	743061	AA405901	76.60	579.47	7.35	9.0	1.00				Prostate	Kidney
7576	52716	H29245	127	20.00	12.50	8	2.00	;		Brain	LID not found	Cine
1579	773108	AA426316	18.63	103.70	5.57	8.5	90.0	= -	6.75	37.97 SKin	Stamoch	Draeine Praeine
7582	291985	N73(01	23.66	45.89	33.80	8 5	00.0	. 5	284 15	Pool	Brain Lund	Luna
1495	51828	H22848	152.48	1025.58	6.73	9	900	!		Brain	LID not found	1 Other
7595	248027	N58372	98.78	613.02	6.21	2.00	2.00	•	437.92 Tonsil	Tonsil	•	Kidney
1600	48983	H26738	15.04	81.94	5.45	0.00	1.00			Brain	LID not found	
7601	41607	R54177	222.18	1286.38	5.79	1.00	1.00	60	49.58	Umbilical cord vein	d vein	Synovial membrane
7603	279085	N51705	46.41	280.13	8	2.00	0.00	۰ ;	356.03	Ovary	Bood	Pooled Call
7612	262912	H99859	84.43	445.79	5.28	1.00	0.00	=	192.56	Poor I	2 2	Cemoce
1621	67187	T52652	341.51	1997.97	5.85	00.1	0.0			Snu kui	2	Pancreas
1624	64211	172915	29.41	169.43	5.76	00.	0.00			2	rye Lyse	What am hare
7627	609155	AA176867	15.19	96.55	6.36	0.0	96.	•	10.00	200	Tottis	Whole emoryo
7831	157265	AA426113	16.72	138.39	/R :	9.0	00.4	- 5	33.60	2	e le d	To so Carro
7633	50689	H17048	35.92	328.24	4 (5	2.00	00.0	2	300.30		ē	Marks smbots
7646	172918	AA479913	21.48	169.22	6.69	9.6	3.6	=	259 91	KOT 18		Wilder
Č9/	20414	A 4 400749	717	54.02 7.05	7.0	3 -	38	: -	31.2	31.2 Eve	Cervix	Blood
78 50 78 50 78 50	510736	AA099748	5.97	42.15	7.08	8 8	880	· 40	407.58	407.58 Colon	LID not found Other	d Other

gs 24 of 91

·
400.02 5.00
130,74 5.51
359,44 60.12
344.25 8.17
91.07 7.14
100.47 5.78
12.09 6.38
52.36 5.58
•
27.00 07.50
1638.86 8.42
599.25 11.69
16.06 11.88

Page 35 of 91

						Table 2A	2A				
7915	342181	W83749	16.94	317.86	18.76	1.00	0.00	<b>6</b>	414.52 Thyroid	Foreskin	CNS
7916	32517	R43271	6.35	38.08	5.89	2.00	0.00	92	193.03		
7922	141485	R73584	80	28.83	8.54	1.00	0.00		Pancreas	Placenta	Kidney
7827	\$2226	H23265	9	61.73	16.93	7.00	1.00		Brain	Ovary	Uterus
7930	69184	T54144	187.52	1000.39	5 33	0.00	9.		Head and	Head and nec Thymus	Cerdx
7936	80912	170032	£.9	520.69	8 02	0.00	8		CNS	ָ השל	LID not found
7837	194236	R83277	97.67	759.02	7.77	00.1	3.00	-	151.73 Pooled	Sein S	Whole embryo
7938	41358	R59167	38.17	457.85	12.80	000	8:		Uterus	Whole embryol ung	oLung
7940	72016	152325	94.28	859.21		0.00	2.00	•	E COOMS	Smooth musc Larynx	Foreskin
7949	970613	AA683102	25.46	161.66	6.35	2.00	0.00	ю	406.43 Small inter		, E
7954	433307	AA689732	4.03	80.00	89.68	00.0	00, 0	u	Principal Co. sec	Pools may be silved	2010
1961	243159	H94471	4.48	52.60	5.73	9 6	7.00	0	201611 20.00	8	3
898	225	9/51/1	2.5	363.37	4 0	8.8	3 5	4	61 79 For	Ovav	Hoor
1977	33888	K44538	20.10	50.70	1.32	8.6	8 5	<u>.</u>	499 95 Rmin	110 not found Other	Other
1982	400	K44304	25.19	5 E	, r	8 8	9 5	•	Pancreas	Brain	LID not found
3 6	40034	10007	2 4 4	87	37.8	8 8	2 00	-	553.94 Brain	P00	LID not found
1004	770704	AA476784	88 88	1442 59	13.48	00.0	900	2	716.03 Stamach	Esophagus	Synovial membrane
7 90 4	839698	AA504858	30.40	421.81	13.68	8.	0.0	4	672.97 Eye	CNS	Uterus
1004	61747	H24327	15.84	124 19	7.84	200	3.00		Brain	LID not found Other	d Other
9 6	7187	DC2786	2 83	49.37	16.84	8.	80	4	60, 19 Placents	Brain	LID not found
200	49687	H15250	2.56	22 85	10.10	8	2.00	ន	67.29		
3 6	71591	T48011	28.49	162.69	5.71	8	000		Spleen	Lung	LID not found
2 6	2000	HIBASS	2.18	13.55	6.20	000	9	e	459.29 Brain	LID not found Other	d Other
2 6	5000	H17063	2	49.47	6.18	5.00	3.00	-	92.61		
803	78738	T61888	9.63	66.65	6.92	80	2:00	•	449.6 Adipose		•
80.0	12543	H23482	93	39.56	6.28	1.00	0.00	9	443.43 Parathyroid	id Prostate	Tonsi
8028	69693	148649	289,13	3420.38	11.83	2.00	0.00		Thyroid	Placenta	LID not found
8028	50860	H17981	8.08	41.26	8.15	4.00	8.4	-	49.6 Brain	LID not found Other	d Other
8032	45999	H08317	98.43	1055.20	<b>1</b> 0.9 <b>£</b>	3.00	4.00	~	356.3 Brain	UD not four	d Other
8038	730288	AA412509	16.30	105.62	6,49	1.00	0.0		Adipose	Tonsil	Blood
8045	51020	H19312	88.68	821.16	97.5	2.00	0.0		Brain	CID not four	d Other
8055	34364	R44210	23.88	225.88	9.46	<b>₹</b>	000	₩.	74.59 Brain	LIU not round Other	
8057	47452	H11448	46.02	482.46	10.48	3.00	88	- ;	641.15 Prostate	. 6	Gain
8058	592111	AA150532	5.84	76.09	13.03	2.00	0.00	77	226.02 Larynx	upo.	Esopusdos
8908	795837	AA461511	15.79	170.63	10.81	1.00	000	•	lestis		
<b>206</b>	49281	H15853	211.47	1731.38	6.19	5.00	2:00	on (	59.14 Foreskin	Oterus	Foreskin Uterus Brain
8063	773446	AA426049	100	307.25	5.49 9.49	8 5	8 8	? ;	474 On Thursid	מיים שניים שניים	e chicamon products as
8070	795758	AA460304	115.08	797.22	5.93	3 5	9.0	٥	Marrow	Rone marr	Sone marrow Syncylal membrane
8086	811138	A448573U	21.20	147.68		3 8			Pool	LID not found Other	nd Other
9000	265004	AA024832	507.22	1348 21	6.60	2.00	0.00	×	245.06 CNS	Heart	Germ Cell
8008	418945	W87710	22.16	168.26	7.59	8.	3.00	~		Prostate	Colon
8099	306921	N91962	37.34	212.50	5.69	1.00	0.00		Aorta	Whole emb	Whole embryoAdrenal gland
8103	194156	H51050	29.21	180 89	6.19	2.00	0.00			;	
970	359684	AA011100	2.87	19.37	6.74	6.0	0.00		Brain	CNS	Heart
9100	465885	AA043092	8.85	135.78	15.35	8.00 9.00	1.00	5	245.32 Eye	Uterus	Color
8111	194023	H51271	27.11	186.67	8.89	1.00	0.00	-	450.48 Ignore	50	בום שמ וסתום
8112	282315	N51961	19.02	141.62	7.4	3.00	0.0		Spiesn	e N N	בוס וסווס
8116	288336	N71147	21.75	165.68	7.62	0.00	3.00	-	251.6 CNS		CID not found
8118	358936	W92233	0.80	19.07	5.01	1.00	00.0	;	Lymph node		E CE
8118	366783	AA029703	7.18	43.55	60.0	0 :	0.00	<b>23</b> :	17.11 Hear		Whole embryo
8122	611038	AA485424	20.92	129.21	8. 18 8. 18	8 8	0.00	=	ZO.5 CVary	s s	
8127	279392	N48700	7 2	13.17	5.58	3 6	3 5	5	259.32 Ovarv	SNO	Lyman
8128	770840	AA427733	4.2/	70.03	BC . 7.1	3.60	3	4	**************************************	;	

Page 38 of 91

Parathyroid	Other	CNS		<u>8</u>	Colon	4	Lympa node		Poreskin	CNS		Uterus		į		LID not found	Breast	Pancreas	LID not found	LID roof found	Kidney	Whole embryo	LID not found	Lymph node	Other		Cervix	Testis	Placenta	LID not found	P00	1	LID not found		1	e de la	Dangeas	2000	o personal control con	100		Brain	Prostate		Brain	d Other			Brain	Kidney	Uterus	dCNS	Lung
Adrenal gland Parathyroid	LID not found Other	Adrenal gland CNS		Colon	Ovany		am Umbilical cord Lymps			Blood	Bone marrow	nd Adipose			LID not found		Thyroid	er Germ Cell	Kidney	Lung	_	Prostate		Omentum	LID not found		Eya	Utens	Foreskin	Pool	Lung		uneColon		į	hydrany Bland		ביינים ליינים לאינים לאינים לאינים ליינים לי	I D and found Other	Mhole embowe prestrip	LID not found	nvoCN3	Brain	Brain	Ea	LID not found Other			P 00	Muscle	Пyө	use Umbilical cond CNS	Kidney
CNS	474.75 Pool	Blood	826.75	Uterus	Bood	243.59	63.51 Synowal mem Umbilical cord Lymph nod	16.22 P001		56.88 Splean	71.41 Traches	Adrenal gland Adipose		576.51	8		553.01 Gall bladder	272.85 Peripheral ner	Ulerus	Uterus	Testis	227.72 Esophagus	44.64 Pool	227.72 Colon	Pool	549.96	516.66 Stomach	422.9 Ovary	397.3 Thymus	Prostate	Foreskin	37.19	309.04 Small intestineColon	309.17	1000	25.34 Vangle emphocyary	20 10 CAM DANGER BLOOD	233.03 riedu anu i	680 09 Brain		Brain	487.91 Whole embryoCNS		411.77 Germ Cell		Brain	126.76		Breasl	355.29 Bone		Smooth musc	154.22 Breasi
	8		5 62		•	19	₽,	4		2	Ξ.			-			-	19 2				12	~	12		5	e0	~	60			22	17	-12 -0	,			= ;	, r	- 5	•	7		6			=			9	Ξ		9
9.1	0.0	0.00	000	0.0	0.0	0.5	0.00	0.0	0.00	0.00	0.00	0.00	8.0	8.0	8.0	8	8.	0.0	80	0.00	0.00	9	<b>8</b> 0	98.0	2.00	0.00	8.6	0.0	8.0	9.0	8.0	0.00	0.0	9.0	0.0	8 8	0.0	0.00	9 6	9 9	2 2	9 6	900	100	000	0.00	0.00	0.00	5.00	1.00	0.00	0.00	0.00
2.00	3.8	8	2.00	1.00	1.00	900	900	5.0	9	1.00	9:	1.0	5.00	9.1	9.	3.00	0.00	500	6.00	3.00	1.00	2.00	1.00	9.00	0.00	200	0.1	1.0	2.00	9. 8.	5.00	5.8	500	6.00	8	8 8	8 8	3 5	3 5	3 6	8 8	8 6	9	00.01	2.00	90	2.00	3.00	00.0	0.00	1.00	1.00	1.00
12.42	10.04	5.26	6.07	5.83	69.9	6.41	38.21	10.47	5.78	5.82	216.92	6.26	12.60	5. 4	5.50	10.9	5.97	5.38	11.30	9.05	10.66	20.38	13.91	13.69	7.58	13.58	10.01	5.29	7.71	17.58	5.94	12.69	6.15	9.65	9.30	5.03	25.85	9.77		9 6	20.0	. A	5 5	21.80	7.68	19.74	6.37	20.68	7.14	10.61	5.24	5.6 40.6	5.05
19.91	580.30	30.71	502.00	36.83	6826.70	46.71	168.95	939.12	813.47	118.12	665 15	22.09	111.24	58.09	198.63	263.88	219.77	30.05	23.54	47.94	46.86	78.59	68.38	1550.11	42.92	29.98	57.70	101.19	1413.03	325.08	922.84	2383.91	81.91	94.38	285.93	63.65	27.77	27.63	332.30	, t	2 5	20.03	80.49	64 43	49 22	53.38	204.40	87.39	357.26	522.50	38.19	496.57	238 81
5.22	58.77	7	82.67	0.21	1200.46	7.29	4.67	69.69	140.67	19.94	3.07	3.53	8.83	10.67	36.11	29.29	36.83	5.58	1.91	5.30	4.40	3.86	4.82	113.25	5.68	2.21	5.73	19.13	183.22	18.49	155.42	186.31	13.32	9.58	35.63	16.63	1.07	2.83	32.05	2 6	9.0	3 6	3 6	8	6.41	2.70	32.08	4	50.03	49.22	89	88.06	46.90
N91003	H63959	N40917	N70848	AA136659	AA430629	W51985	AA629897	N53360	AA427778	N40952	AA677706	AA043800	AA455013	R68108	AA001884	N55355	WB1135	AA429661	AA115328	AA127865	AA460313	AA629189	H60298	AA664179	AA010000	W15318	AA017379	AA455128	R55992	W88725	N67810	H41144	AA133469	AA679907	N72210	AA434411	W062932	N40945	H29276	Conco	20102	21500	727.000	H29227	H45978	R54212	AA670155	AAZDC322	H09601	W72437	AA122287	AA461099	AA404565
306066	209199	277134	299609	491097	770969	325641	884644	283968	771142	277187	460487	487317	811612	138369	427697	245888	347035	780947	501479	501854	795755	1035889	207838	855521	430073	322641	381122	809857	195357	417761	291594	192198	586798	859375	291241	770898	510002	277186	49953	40511	200	97400	14001	27700	27777	41835	845663	460668	46383	345525	490819	796176	172377
8144	8154	35	8163	8165	9166	8172	8176	8178	8182	8183	818	8189	8191	8192	8183	20	8195	8196	8197	8205	8208	8008	8215	82.16	2 2	8218	8220	8228	8231	8233	8234	8238	8240	8248	8250	9229	8257	8228	8263	979	e i	2/29	0/70	0/70	8280	8292	8314	2 2	8320	8328	8348	8353	8359

Page 37 of 91

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Brain LID oot found	בות נופו ופפו	Breast	) Nigney	9	Dorothicaid	Personyrond		Gall place	Right	Whole embryo	Colon	Gall practer	oraramyroid	SNS	Kidney	Gerra Cell	Other	Foreskin		Ulerus	Hear	Oher	LID not found	CNS Constitution	Umbilical cord	S	i	Colon	Testis		2 2	Head	Other	Prostate	LID not found	oBrain	LID not found	Cung Advansi aland	Acies es grand	UD not found	LD not found	yoLung	P <u>8</u> 6	P 90	d Other	Placenta	d Other	d Other	Whole embryo
Lung	8	Hear	vynoie emoryonianey	Poold	200		Lyuipi Pooriti		1005	Blood	Germ Cell	S CONT	whole empryoranamyrold	Bone	Poreskin		LID not found Other	Blood		c Stomach	Pooled	LID not found Other	8 i	March ambandorm Cell	With Breast	Luna	•	Testis	Lung		Breast	Stomach Heart	LID not found	Parathyroid	Tonsil	Whole embryoBrain	00 1	Pooled	Juntalinal co	Pool UD not	Ovar	Whole embryolung	Eye	Prostate	LID not found Other	Eye	LID not found Other	LID not foun	Testis
Aorta	esus	Utens	ASA. 82 Prostate	245.00	676 56	62.0 Ear	Service of the servic	ST. 13 SMOOTH MUSC	127.04 Spieen	184.58 Slomach	363.57 Bone	277.72 Head and nec Cervix	66.18 Pacenta	AO1 78 Eomebin	43A 1 Par	697.77 Thyroid	168.43 Pool	354.01 Aorta	428.27	137,65 Smooth muse Stomach	13.47 Ear	392.03 Pool	372.61 Lung	31.46 Ear	Synovial mem Breast	491 75 Stomach	28.83	Tonsil	510.24 Eye	410.63	-8.01 Poreskin	460.63 Adimse	232.44 Pool	Gern Cell		442.79 Pool	500	Cyary Crary	15.7 9801		245.08 Pooled	143.02 Pooled	553.7 Placenta	235.13 Liver	<u>8</u>	Pooled	443.86 Pool	•	•
		•	₹ ;	۲ :	•	n		יפי	81 9	<del>2</del>	2 :	2 9	<b>B</b>	a		9 69	· =	7	=	72	ထ	2	<b>9</b>	Č.	=	er	' ጸ		89	en į	- :	2 4	• <del>-</del>	•		5		;	2		×	, n	-	Ĉţ.			4		
8.8	0.00	8	0.00	8 6	9.6	8 8	8.8	8	8	8	8	8	8 9	8 8	9.0	8 6	8.	4.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0	3 5	00.0	0.00	0.00	0.00	8 6	8 6	8 8	8	0.00	0.00	0.0	0.0	00.0	9 6	800	0.00	0.00	1.00	3.00	0.00	0.00	0.00	800
0.1	4.00	6.00	2.00	0.0	8 6	8 6	3 5	8	8	8	5.00	0.00	1.00	8 8	3 8	8.6	8 8	9.	1.00	0.00	1.00	2.00	8	9.5	8 8	8 6	8 8	8:	1.00	8.	0.0	8.5	8	00.1	1.00	4.00	0.5	6.00	9.0	S S	8 8	2 00	2.00	0.00	2.00	3.00	1.00	2.00	5
9.87	96.0	29.76	17.74	6.90 6.90	5 .	6.01	8 5	5.08	8.33	9.24	8.55	5.05	5.39	6.70	9.43	3 2	9 49	10.55	8.62	7.28	6.33	6.40	6.71	6.00	<b>3</b> C	2 5	9.87	5.43	9.8	5.16	10.17	E.9	17 16	6.12	5.36	8.37	5.08	10.64	5.62	6.27	1.0	7.93	9.43	7.67	10.18	6.51	6.80	6.88	40.60
7.06	40.52	288.81	147.99	490.54	188.37	44.00		417.75	56.21	221.39	889.29	530.01	713.23	866.36	3036.02	305.83	124.13	1729.28	53.05	254,14	46.90	36.30	1059.74	453.45	284.46	200.00	131.27	77.12	68.22	554.40	72.02	53.88	B7 44	206.81	24.67	149.22	20.02	58.93	283.41	513.16	140.75	129.72	60.32	227.20	495.61	43.28	89.28	48.79	3165 60
0.72	£.33	9.10	Z	71.11	15.90	7.32	15.77	82.25	6.75	29.97	103.86	104.93	132.31	128.38	10.51	362.83	18.15	153.93	6.15	34.90	7.41	5.87	157.92	75.56	53.29	9 0	13.30	14.21	7.88	107.63	7.08	6. č	7 19	40.12	9.4	17.83	3.94	65.33 5.33 5.33 5.33 5.33 5.33 5.33 5.33	20.5	81.88	16.10	16.43	6.40	28.67	48.67	6.65	13.13	7.09	000
AA443706	AA448281	AA045524	H15695	HZ9303	AA469973	AA448864	AA011637	AA463516	T54672	AA496247	AA608572	AA211459	AA460965	147971	100011	AA44688/	AA010247	H17143	AA135001	T41173	N22552	W92772	N93740	AA054722	AA142842	008/60	N/0038	AA448182	68687N	N72882	AA455509	N30855	A4463420	H54263	AA443594	AA676998	H58806	AA457137	AA663310	AA284265	AA459450	W73889	AA010223	AA004525	H73628	R31783	R12879	AA284261	1011000
784017	782843	487327	49203	52618	730439	784212	429640	797038	73785	798867	950700	826088	796127	71557	51015	784229	430172	51185	588053	62763	253733	418350	307157	487981	504372	241781	241648	782794	302180	291558	609731	258242	2011048	203008	771257	454083	204478	810457	853368	325544	134034	145553	430235	428507	234955	134897	129320	325169	9000
8362	366	374	376	377	1378	284	386	388	1392	395	3388	3402	1405	5 5	9 9	9 5	77	1	38	3	446	478	482	¥ 88	200	0 0	2005	510	518	1528	531	823	2 5	7 7	8558	9560	263	928	88	823	2 5	7000	828	8591	8598	8602	8604	8605	

:	Foreskin	Thymus		Brain	Pool	Colon	olon Olon	Pool	LID not found	CNS		ther		Heart	Tonsil	8	Pancreas	Spleen	ther .	Adrenal gland	Cervix	Tacenta		Placenta	CKD	Adpose 10 and formal	2010010101	Other	LID not found	Tonsil	gue gane	<u>8</u>		pool	John	CID not found	Untilization		8	Other	Parathyroid	Adrenal gland	Other	Sem Cell	Office	Thyroid	Other	CNS			Doot found
		Adipose				Placenta	ξģ	ata a		Aorta	:	LID not found Other				_	Breast P		ğ		Foreskin	Adrenal gland Placenta		ğ	-	` -		LID not found Other	Brain		via! mem	Brain		Whole embryoblood	LID not loung Uner	Brain LID no			Placenta	LiD not found Other	CNS		LID not found Other	Whole embryoGerm Cell	UD not found Other		2	Adipose	Donat found Other	Tal at in your	Poorl Total Curier
	165.83 Aorta	276.5 Cervix	103.36	•	Placenta	102.62 Pooled	Muscle	231.75 Cervix	250.8 Germ Cell	251.44 Gall bladder	501.96	<u>8</u>	i	Blood	Adrenal gland Blood	Liver	424.99 Larynx	414.58 Liver	Brain	412.13 Brain	230.42 Pancress	Pancreas	400.09	336.4 Head and nec Parathyroid	351.05 Smooth must Foreskin	267.89 Head and no	Spieen 111 E3	499 15 Brain	114.88 Eve	Aorta	21.55 Cervix	368.42 Eye	300.46	554 Brain	652.25 Brain	210.44 Kidney	07 57 Placents	45.08	678.04 Brain	422.79 Brain	Gall bladder	59.74 Musde	Pod	CNS	Brain	102.83 Cervix	Spleen	E.	350.62 Brain	070.00 Cal	Spiegn 631 78 Brain
	5	<b>*</b>	в0			-		×	19	8	<b>s</b> n						~ (	12		=	=		on ·	<u>ج</u>	× ;	8	į	7	· uc	•	19	17	2	9	7	20	·	. 4	. "	4		91				-			×·	•	u
8	0.00	1.00	2.00	0.00	3.00	0.00	0.00	1.00	0.00	1.00	2.00	0.00	9.	0.00	1.00	0.0	8	90.	0.00	0.00	2.00	0.00	<b>0</b> .00	0.00	0.00	0.00	90.5	9 6	000	000	00.0	1.00	0.00	00.0	80	8.5	88	8 5	8	2.00	0.00	3.00	9.1	0.0	8.0	8.	3.00	8	8 8	8 1	8.8
0.00	2.00	0.00	1.00	2.00	3.00	2.00	4.00	0.00	2.00	2.00	0.00	4.00	9.	9.	0.0	9.	22.00	1.00	0.0	5.00	0.00	2.00	8	8.00	9.0d	8 8	8 6	900	8 8	8 6	8	0.00	2.00	2.00	3.00	0.0	9.00	8 8	8 8	7	8.	1.00	0.0	2.00	3.00	0.0	8.	8.	8.5	0.00	8.6
6.74	9.60	19.05	5,90	9.35	9.41	6.93	16.41	7.87	6.04	11,77	8.78	10.92	5.32	6.71	6.15	5.24	35.06	5.69	6.20	33.88	5.98	13.55	5,36	7.28	37.08	6.44	98.6	5.17 26.81	2.2	3 5	5.74	83	5.57	6.19	8.71	6.22	3 3	3,00	6.81	7.16	96	8.85	5.06	10.32	8.00	9.36	9.22	5.71	5.92	5.31	10.19
54.07	1055.36	1511.88	282.39	890.33	334.54	123.40	53.80	48.40	587.87	1285.23	267.24	330.73	46.75	91.23	106.73	39.96	182.53	222.54	45.85	80.83 S	690.52	153.67	75.79	160.52	1877.11	168.15	778.76	19.19	120.24	140.36	83.20	23.12	64.17	66.03	17.07	852.99	70.59	226.64	16 77	1147.64	926.81	2292.62	37.62	42.44	3069.48	879.52	392.08	121.09	12.35	302.36	136.78
<b>8</b> ,	109.91	79.37	47.84	73.80	35.54	17.82	3.28	8.8	97.42	109.20	39.43	30.29	<b>6</b> .79	13.60	17.36	7.62	5.21	39.11	7.40	2.67	115.39	11.34	14.15	22.04	50.62	26.13	79.02	E C	46.44	25.52	11.07	3.65	11.52	10.67	38.	153.24	2.13	5 6 6 6	2.45	160.22	155.92	334.58	7.44	4.11	341.33	93.93	42.52	2121	2.09	26.93	13.42
AA114968	AA009593	AA664040	N32832	AA284281	H77484	AA457115	AA010188	AA677306	TB0448	H98683	N63598	AA010408	AA700419	AA680407	AA412217	172068	AA430665	H68648	R53527	H49511	AA630794	T53431	174566	AAB77185	AA292226	H52110	AA668527	AA830016	766474	A4454175	AA488413	H16701	AA045074	AA489470	H17511	H09778	H24355	COSSESSES	HIDDA	H17625	N67816	AA666180	W86608	AA456139	H20757	AA486761	TS2375	H15438	H24018	H10593	T54643
490023	365517	855786	259066	324946	233277	8 10446	430186	454440	110903	262023	289060	430320	460564	433111	731433	85804	770388	212188	39843	178825	856454	68818	84695	454872	725877	197520	659807	884690	00176	79537	843048	49275	467165	897427	60613	46471	18125	623623	46907	50593	291618	859422	416711	798357	51542	841070	72063	49240	51485	47149	73756
8613	8515	8824	8625	8627	8628	8630	8631	8632	8633	8635	8638	8639	8645	8654	9655	8658	8858	6675	8678	8681	8683	8684	8688	8698	8706	6710	6713	8717	3 :	1210	8743	B745	8747	8750	8753	8757	8765	97.00	6773	8778	8779	8786	8790	1678	6792	8794	8798	18197	8800	603	88 12

Page 39 of 91

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	Adipose	Prostate	Other	oProstate			Whole embryo	# F	B	, i	200	Kidney		LID not found	Eye	LID not found	Other	LiD rol found	Незл	olung i	LID not tound	Brain	י אַ פֿר	Tong	1	בונות המו	lesus of the	Ce de Ce	T Prositie			Stometh Park	Gern Cell	Breast	Lung	Testis	LID not found	Adrenal g	I ID and found		Testis	LID not found	Pancreas	Brain	Uterus	Pancreas	Brain	Heart	. g	Š	<u>8</u>	
	Spleen		200	Whole embryoProstate		•	CNS Whole	Little not found Cuner		Thorn found Other			,	8rain	Liver	P80	LID not found Other	Pool	Breast	Whole embryoung	בית בית	Uterus	8 .	Breast		Brain LIU not tound	roreskin	D001	Synovial me	Ear	10 22 50.15	المالية	Heart Germ C	Muscle	Testis	Brain	Color Color	Stomach	6	CNS	Ovany	Brain	Uterus	Blood		eSkin	Foreskin	Tonsil	Breast	Cerx	Аопв	
		CNS		205.02 Spleen		215.11	Colon	8 6	2 1	443 GB DAN	224 45 Kidney	188 Ba Dooled		254.48 Pool	647.14 CNS	-10.98 Prostate	Pool	455.9 Cervix	438.5 Stornach	Ovary	615.42 Synovial mem Lung	-14.62 Ovary	570.71 Eye	482.78 Uterus	į		nyrod	i ous	ğ	e.v.	Frostate		Over V	dder			Utens	289.73 Neural	Kidnav	242,45 Muscla	Pooled	CNS	553.7 Skin	-13.58 Larynx	45.2 Blood	165.69 Small intestineSkin	331,21 Pancreas	674.5 Pooled	247.55 Neural	266.24 Esophagus	576.82 127.97 Skin	
	-		15	12		51				9	• •	- ş	:	Ξ	, <b>N</b>	91		s	80		4	<b>8</b> 0 1	vo ·	63 (	יים ניים	×	,	<b>~</b> !	۱ ج	'n		:	<u>*</u>	4		÷		к		12			-	'n	12	-	၉	-	12	, 21	- =	
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	7.26	. a	97.6	6.55	8.48	9.80	12.38	6.79	6.11	9.60	3 5	42.05		2 2	5.15	5.39	5.57	15.78	8.93	10.87	6.31	7.33	8.25	5.56	6,46	6.33	5.16	2.90	7.29	7.20	5.89	4.1	57.50	7.48	18.28	7.65	8 68	95.10	6.61	20.06	77.40	\$ 529	8.0	8.90	6.70	9.58	8.20	6.22	5.71	10.67	10.87 8.89	
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	47.B5	90.4	25.20	59.50	93,15	183.04	88.19	36.08	12.98	28.40		4.29	, k	2 2	23.52	109.26	2.21	3.26	2.11	146.42	10.72	4.51	63.81	20.73	157.87	90.21	7.87	24.74	42.21	10.36	11.55	36.34	141,93	1.5	28.4	2.62	<b>4</b> .88	7.23	17.44	5	5.07	1.83	51.45	16.31	6.26	2.42	3.88	103.13	82.83	26.28	5.72 80.75	
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	80138	90000	73787	133454	1032048	52917	50508	415447	276920	347772	429011	415229	010408	240500	416627	299465	204596	204661	345081	80883	289608	771128	361640	458054	195547	418435	782622	260035	342008	882469	415085	782840	145112	156048	795309	230882	488149	809503	754406	122211	755881	51842	293950	45587	40871	46186	51210	49555	731308	769857	45417	
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			Breast	Caler	Placenta	Other	Liver	LID not found		Foreskin	Other	Other	Pancreas	CNS	Jones	Cvary		or services	B 100	, and a			SILS I	0	Prostate	5	4			Неэл	Whole embryo	LID not found	Bone	Other	Germ Cei	Ovary	Kidney	Tests	Bone	Muscle	Whole embryo		Bone	g m		Lymph node			CNS	}	
			Bone Breas	CIC not tound	produce	11D not found Other	Heart	Pool	Eye	Umbilical cord Foreskin	LID not found Other	LID not found Other	Aoria	Foreskin	LNBL	Kidney	i	Liscenta		1 1 1 1 1 1 1		robreast		-	Cung City		ON C	Lin and found	Testis	Kidney		Pool	Parathyroid	LID not found Other	Spleen	nean	Umbilical cord Kidney	Brain	Cervix	Pooled	Foreskin		Cervix	Hear		Small intestine Ecophagus		Synovial mem	Poole Poole		
		413.5	Stomach	486.64 Brain	TIROPIL 11.811	515 79 Brain	- S	482.73 Brain	269.09 Larynx	400.44 Skin	Brain	414.93 Brain	671.54 Pooled	634.12 Ear	590.45 Sploon	Oterus	262.43	71 55 Kidney	383.85 CBV00		48.77 Ovary	137.46 Umbilical cordinates	553.28 CNS	70 07	Pencreas	(25.56 B/BIR	ļ	ann Da Brain	250 6 Parathyroid	333.71 CNS	Foreskin	426.87 Foreskin	355.65 Ear	201.54 Foreskin	255.2 Pooled	515.7 Breast	71.09 Over	629.85 Ear	674.22 Placenta	Stomach	123.92 Aorta	180.34	101.44 Skin	Thymus	163.73	Small intest		389.83 Lymph	415.73 Placenia 41.87 Ear	400.35	1
		7	,	m (	2	•	•	ur.	=	16		1	-	w	ဖ		7	4 (	2	,	11	ָר מ	₽.	•	,	-		٠	· <u>e</u>	2		12	80	φ	<b>=</b> '	:o •	n <u>ē</u>	·	-		13	5	7		-		:	= '	o -	. 51	!
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	5403.56	308.50	17.76	26.07	103.84	69.69	3.65	15.52	276.03	37.76	23.77	268.89	88.39	586.24	266.33	181.83	1692.17	959.79	52.15	1591.09	906.98	328.15	20.84	742.68	492.08	168.49	257.94	146.60	6.71	83.72	6 92	120.67	93.57	152.51	193.03	1408.06	139.16	80.60	1037.80	16.16	884.61	320.54	3966.32	203.64	23.752	2311.00	301.14	38.60	39.08	9 6	32.80
	602.66	28	3.24	3.35	9.43	3.50	<del>.</del> :	7 5	2 3	599	000	21.59	3.28	29.45	42.66	26.41	129.58	140.05	9.47	213.17	12.17	26.12	282	105.89	93.70	30.46	39.57	22.5	2 Z	2.10		22.15	1.7	7.09	22.19	220.92	15.24	6.15	62.58	1.52	99.26	57.34	356.77	7.04	28.53	310.41	57.31	7.01	9 9	2 5	8.31 18.31
	AA626698	H08325	AA045525	H09322	154121	H08730	R42823	WGSBSA	72020200	AA187148	H12081	H08568	AA461174	W72293	T61116	AA598945	AA488432	R56234	AA486281	T49633	AA487488	152700	R44173	T55197	T63520	R44163	T56013	N64817	R43168	K3/026	NATROR	N35922	N89973	H97868	AA457108	N75589	H91245	A4465357	AA429367	AA039851	N34494	H78319	W42587	AA670107	H944/4	AA629692	R75639	AA055846	AA010222	VV/433/	AA688928
	745138	46108	487429	46105	68950	45629	32339	343667	24020	62022	47507	45849	796806	345032	83653	898044	843185	40965	842848	67735	841645	67237	34243	73953	19960	34745	73252	289945	32845	23843	271483	272600	305677	251769	810429	280332	241330	196018	120954	375827	271165	235104	323185	844680	243172	884425	143535	377560	430233	346282	436330
	9081	9082	9093	9036	9102	6103	9104	9105	80.00	200	2 **	6118	9137	9140	8143	9154	9163	9167	9171	9172	9183	9184	9189	9192	9193	9186	9200	8503	9202	9216	2776	0248	9258	9260	<b>9267</b>	9278	9276	828	2 5	212	9313	9316	9322	9336	9340	8352	9353	9360	9361	936	9368

<sup>2</sup>age 41 of 91

| 1,00 Bone Bone Composition of the Composition of th   | 1,00 2 71.28 Laynx 0,00 2 118.39 Muscle 0,00 1 5 227.19 0,00 1 6 56.52 Poole 0,00 1 71.26 Laynx 0,00 1 56.79 Ulerus 0,00 1 72.05 Piscents 1,00 2 72.05 Piscents 1,00 2 72.05 Piscents 0,00 2 72.05 Piscents 0,00 1 2 26.69 Riscents 0,00 1 3 26.61 Riscents 0,00 1 4 26.62 Riscents 0,00 1 4 26.62 Riscents 0,00 1 4 26.63 Riscents 0,00 1 4 26.64 Riscents 0,00 1 5 26.64 Riscents 0,00 1 6 26.64 Riscents 0,00 1 7 26.65 Ris  | 1,00 2,71.28 Laynx 0,00 2,118.39 Muscle 0,00 1,5 227.19 0,00 1,6 685.02 Poole 0,00 1,7 452.42 Pool 0,00 1,00 2,71.05 Putrus 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,0   | 1,00 2,71.28 Lanyx 0,00 2,118.39 Muscle 0,00 1,5 227.19 0,00 1,6 685.02 Poole 0,00 1,7 45.24 Pool 0,00 1,00 2,71.28 Pool 0,00 2,71.28 Lanyx 1,00 2,727.19 2,727.19 2,727.19 2,727.19 2,727.24 Pool 0,00 2,727.25 Pool 0,00 2,727.25 Pool 0,00 2,727.25 Pool 0,00 2,727.25 Pool 0,00 1,727.25 Pool 0,00 1,00 1,00 1,00 1,00 1,00 1,00 1,0  
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 Musch   P   1,00   1   227.19   Musch   P   1,00   1   227.19   Musch   P   227.19   Musch   P   227.19   Musch   P   2200   1,00   1   452.42   P   P   P   P   P   P   P   P   P  | 1,00   | 1,00   | 1,00  
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  | RA4357 113.08 RA485258 5.54 AA485427 18.58 AA621535 11.79 AA62635 42.85 T35407 77.49 T35407 77.49 T35407 77.49 T411934 5.83 AA686725 43.37 AA66725 43.37 AA66726 17.18 AA61006 17.18 R4448 43.37 AA61006 17.18 AA61006 17.18 AA61006 17.18 AA634028 53.84 T55007 16.1 AA634028 53.84 H9445 23.35 H9445 23.35 H94541 5.61 H8540 31.12 H98540 31.13 AA085250 18.49 H98540 31.13 AA088239 18.13 AA088239 18.13  | R44357 113.08 R739526 AA685427 16.58 R456735 AA056013 42.65 T154607 17.49 T154607 17.49 T155704 43.77 AA066728 43.77 AA066728 43.77 AA066728 43.77 AA066728 43.77 T15607 1.61 R25607 1.61  | R44357 113.08 R739528 5.54 A4685427 18.58 R456053 5.37 A4056013 42.58 T55407 77.49 T55704 19.33 W59506 28.78 R4496 4.97 R4496 4.97 R4496 17.18 RAGENCO 16.1 RAGENCO 16.4 R52607 16.4 R52718 16.3 R5271   | 13.08<br>11.79<br>11.79<br>42.05<br>42.05<br>43.07<br>4.70<br>4.70<br>4.97<br>1.61<br>1.61<br>1.61<br>1.61<br>1.61<br>1.61<br>1.61<br>1.6   
                             |
| AA488427 18.58<br>AA621535 11.79<br>R56055 5.37<br>AA056013 42.65<br>T35407 77.49<br>H11938 5.83   | AA465427 18.58<br>AA201555 11.79<br>R56055 5.37<br>AA036913 42.85<br>A1195407 77.49<br>H11938 5.83<br>H36535 43.37  
   | AA468547 18.58<br>AA403695 11.79<br>R56035 5.37<br>AA505913 42.85<br>T35407 77.49<br>H11938 5.83<br>AA668728 43.37<br>T55704 19.33   | AA468427 18.58 AA4684295 11.79 R56055 5.37 AA505913 42.85 A45057 77.49 H11838 5.83 A4568728 4.37 A4688728 4.37 T65704 19.33  | AA468547 18.58 AA405555 11.79 R56053 5.37 AA556013 42.85 A111934 5.83 H11934 5.83 AA66678 4.70 155704 19.33 W69906 28.76 AA610066 17.18  | AA468547 18.58 AA405453 11.79 R56053 5.37 AA035913 42.85 AA035913 77.49 H11933 5.83 R3653 4.70 155704 19.33 W59906 28.76 AA610066 17.18 R2685 30.49  
   | AA468427 AA4684255 AA468421555 R586055 5.37 AA056013 H11934 H11934 H11934 H11934 H26502 165704 W69906 R5606 R5606 R5606 R5606 R5607 R5607 R5607 R5607 R5607 R5607  | AA468547 18.58 AA4685455 11.79 R98053 5.37 AA036013 42.85 AA036013 42.85 H11934 5.43 R3603 43.77 T65704 19.33 W69906 26.76 R4496 4.97 AA610066 17.16 R32652 30.49 R32652 43.58 R38652 43.58   | AA465427 18.58 AA4621535 11.79 R96053 5.37 AA056013 42.85 H11934 5.43 H11934 5.43 R3653 43.37 AA668726 43.77 AA668726 26.76 R4496 4.37 AA610066 17.18 R52607 1.61 R52607 1.61 R52607 1.61 R52607 1.61 R52607 1.61 R52607 1.61  | AA468547 18.58 R98035 5.37 AA056013 42.85 T95407 77.49 H11933 5.83 R38635 43.37 AA668728 43.07 T55704 19.33 VK9906 28.76 AA610066 28.76 AA610066 28.76 AA610066 28.76 AA610066 28.76 AA610066 28.76 AA610066 28.76 R52662 30.49 T55007 1.61 AA654028 53.84 AA654028 53.84 R46448 65.58  
  | AAA631535 11.79 R56055 11.79 R56055 5.37 AA050013 72.85 H11938 42.85 H11938 43.37 AA668728 43.37 AA668728 43.37 T55704 19.37 T55704 19.37 T55704 19.37 T55704 19.37 T55704 19.37 AA61006 17.18 RA4498 4.37 AA634028 53.84 R5602 10.49 T5600 1.61 AA634028 53.84 H90431 8 65 R44048 33.33 WANNANAN 7 7  | AAA631535 11.79 R56055 11.79 R56055 5.37 AA036013 42.85 H11938 5.83 R38635 43.37 AA686728 43.37 AA686728 43.77 R5704 19.37 R68906 28.76 R4498 4.97 AA610086 17.18 R52602 28.76 AA610086 17.18 R52602 30.49 T56007 1.61 AA634028 5.34 H90431 8 65 R44048 33.35 H19415 24.31 AA699573 2.85   | AAA6345.7 18.58<br>R56055 11.79<br>R56055 5.37<br>AAD56013 42.85<br>H1933 5.83<br>H1934 5.83<br>R38635 43.37<br>AA668728 4.70<br>T55704 19.37<br>AA610066 17.18<br>R52602 28.76<br>R4498 4.97<br>AA610066 17.18<br>R52602 10.49<br>R52602 10.49<br>R52602 10.49<br>R52602 10.49<br>R44048 33.35<br>H19415 24.31<br>AA639370 2.65<br>AA689370 2.65<br>AA689370 2.65   
   | AAA68427 18.58 AAA621535 11.79 R56053 11.79 AA056013 42.85 H11938 5.83 AA868128 4.70 T55704 19.33 AA680672 4.70 T55704 19.33 AA610066 17.16 R52602 28.76 AA610066 17.16 R52602 30.49 R55007 1.61 AA634028 5.84 R38652 43.56 H19415 24.31 H19415 24.31 H19415 24.31 H19415 2.85 AA055350 16.49 AA055350 16.49 AA055350 16.49 AA055350 16.49 AA055350 16.49  | AAA68427 18.58 AAA621535 11.79 R56655 5.37 AAA056013 42.85 H11938 5.83 R38653 43.37 AAA686728 4.70 T56704 19.33 W59906 4.70 T65704 19.33 AA61006 17.18 R52662 30.49 R52602 1.61 AA634028 5.84
R36622 43.58 R44048 33.35 H19415 24.31 W93377 2.85 AA089573 2.85 AA085540 18.49 H19816 31.121  | AAA6345.7 16.58 AAA631535 11.79 R56055 42.55 AA056013 77.49 H11938 5.83 R48653 43.37 AA668728 43.37 AA64896 4.70 T55704 19.33 W69906 4.70 T55704 19.33 AA610096 17.16 R52662 30.49 R52662 30.49 R52662 30.49 R52662 30.49 R4498 4.37 AA634028 5.38 R44048 33.35 R44048 33.35 R44048 33.35 H19415 24.31 W69377 2.85 AA68557 1.65 AA6857 1.67 AA58878 1.65  | AAAGS427 18.58 RAAGS1535 11.79 RAGGS055 5.37 AAGGS051 42.65 H11938 5.83 R34687 4.70 T45704 19.33 W69906 4.70 T45704 19.33 W69906 28.75 AAG10066 17.18 R32662 30.49 R32662 30.49 R32662 30.49 R44496 4.97 AA610066 17.18 R32662 30.49 R32652 10.13 R44048 33.35 H19415 24.31 W93370 7.09 W93370 7.09 H19415 24.31 W93370 7.09 H19415 24.31 W93370 7.09 H19415 24.31   | AAA69427 18.58 AAA05153 11.79 R96055 5.37 AAA05612 71.49 H11938 6.35 H11938 6.83 H119415 6.83 H119415 6.83 H119415 6.83 H119415 6.83 H119415 6.83 H119415 6.83 H11941 67.14 H11961 67.14 H11961 67.14 AA58818 6.85 H11951 67.14 AA58818 6.85 H11951 67.14 AA58818 6.85 H11951 67.14 AA58818 6.85 H11951 67.14 AA58818 6.85   | AAAGS427 18.58 AAAGS1535 11.79
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   | AAA63427 18.58 AAA631535 11.79 R86055 42.85 H11933 6.83 H11933 6.83 H11933 6.83 H11933 6.83 H11934 6.87 H119415 24.31 AA610000 17.18 H25007 1.61 AA634000 17.18 H25007 1.61 AA634000 17.18 H25007 1.61 AA634000 17.18 H30431 6.55 H419415 24.31 H19415 24.31 H19415 24.31 H19415 18.85 H19415 24.31 H19541 8.91 H19541 8.11 H19761 87.14 H19761 87.14 H19761 87.14 H19761 87.14 H19763 9.65 H19763 9.65 H19763 9.65 H19763 9.65 H19763 9.65 H19763 9.65 H19764 9.31   |
| R56055 9.37 52.66<br>AA056013 42.65 553.24<br>T55407 77.49 560.28<br>H11936 5.63 33.64   | R56055 5.37 52.68<br>AAD56013 42.85 533.24<br>175407 77.49 560.29<br>H11934 5.83 33.64<br>R38635 43.37 258.70   
   | R56055 9,37 52.66<br>A0050013 42.85 533.24<br>T75407 77.49 560.29<br>H11934 5.63 33.64<br>R38635 43.37 258.70<br>AA866726 47.70 28.77<br>T55704 19.33 98.88  | R56055 9,37 52.66 AA056013 42.85 533.24 T156407 77.49 560.29 H11934 5.62 33.64 R36635 43.37 256.70 AA666728 47.70 28.77 T55704 19.33 98.89 VK99906 28.76   | R56055 9,37 52.66 AAD56013 42.65 533.24 H11934 5.62 33.24 H11934 5.62 33.24 AA666726 43,37 256,70 AA666726 470 28,77 T55704 19,33 98,87 R44448 48,77 51.88 AA610096 17,15 132.19   | R56055 5.37 52.66 AAD56013 42.65 533.24 H11934 5.63 35.62 H11934 5.63 35.60 R38535 43.37 25.6.70 AA686726 4.70 26.77 AA64406 4.97 51.88 R44496 4.97 51.88 R52662 30.49 303.67  
   | R56055 9,37 52.66 AAD56013 42.65 593.24 H11634 5,63 33.24 H11634 5,63 33.24 AAB666726 43.37 258.70 AA6666726 47.70 28.77 AA66026 28.76 172.26 H44496 28.76 172.26 R25602 10.49 303.67 T55007 161 10.24   | R56055 9,37 52.66 AAD55013 42.65 533.24 H1534 5,63 33.24 H1535 5,63 33.24 R3853 43.37 258.70 AA6868728 4.70 28.77 AA6868728 4.70 28.77 AA64498 28.76 172.28 R44498 4.97 51.68 AA640086 17.18 132.19 R52682 30.49 30.347 T55007 1,61 10.24 AA63028 53.84 1075.17 AA63028 53.84 1075.17   | R56055 9,37 52.66 AA056013 42.65 593.24 H11634 5,63 33.64 R36572 77.49 560.29 H11634 5,63 33.64 R36572 43.77 258.70 AA686728 470 28.77 AA640266 17.18 132.19 R3262 30.49 30.37 T55007 1,61 10.24 AA633028 53.84 1075.17 H50431 6.65 111.01   | R56055 9,37 52.66 AA056013 42.65 593.24 H11634 5,63 33.64 H11634 5,63 33.65 H1161 10.24 AA6534028 5,3 64 1075.17 H104448 6,53 64 1075.17 H1044448 6,53 64 1075.17   
  | Abbosots 52.66 Abbosots 77.49 Abbosots 77.49 H11938   | R56055         9,37         52.66           AAD505013         42.65         53.24           H11938         42.65         53.24           H11938         9.37         26.28           H11938         43.37         256.70           AA666726         47.70         26.77           T56704         19.31         92.68           R44956         26.76         172.26           R44406         4.97         51.66           AA634026         17.16         132.19           T55007         1.61         10.24           AA633402         53.84         1075.17           R44048         33.35         239.68           H90431         6.55         111.10           R44048         33.35         2298.68           H19415         24.31         422.45           VM33570         7.09         92.56           AA689573         2.65         98.63   | R56055         9,37         52.66           AAD55013         42.65         53.24           H11934         5.63         33.24           H11934         5.63         33.24           H11934         5.63         33.67           AA066726         43.37         256.70           T56704         19.31         98.68           VK89906         26.77         172.26           R4498         4.97         51.68           AA610066         17.16         132.19           R52602         30.49         30.37           R52603         1.61         10.24           AA634026         53.84         1075.17           R4404         33.35         23.95           H19415         24.31         4.22.45           VA089570         7.09         82.56           H19415         2.61         111.01           R44048         33.35         229.8           AA059577         2.65         89.65           W053570         1.69         82.56           W053570         2.68         89.65           R406857         2.68         89.65           R6068         89.65         89.65 <td>R56055 9,37 52.66 AAD55013 42.65 533.24 H11938 5.83 33.64 H11938 5.83 33.64 H11938 5.83 33.64 AA066728 43.37 256.70 T55704 19.33 98.68 AA610066 17.16 132.18 AA63000 17.61 10.24 AA63400 53.94 1075.71 F32607 1.61 10.24 AA63400 53.94 1075.71 F42404 33.35 239.68 H19415 24.31 422.45 AA63530 18.49 62.56 AA69553 18.49 AA65530 18.49 222.83 HARKAD 31.21 4461.25</td> <td>R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11934         5.63         33.24           H11934         5.63         33.24           AA866728         43.37         256.70           AA866704         19.31         256.77           T55704         19.31         96.88           AA810066         17.26         172.26           AA610066         17.16         132.19           R52602         1.61         10.24           AA634028         5.34         10.75.1           R44048         33.56         381.56           H19415         24.31         422.45           H94043         33.55         238.66           H19415         24.31         422.45           VA69573         2.85         69.05           AA659573         2.85         69.05           AA659573         2.85         69.05           H9864         3.11.21         4401.25           H9864         3.55         4401.25           H9864         3.55         4401.25</td> <td>R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11834         5.83         33.24           H11834         5.63         33.24           AA666726         43.37         256.70           AA666726         47.0         28.77           T55704         19.31         96.88           AA64486         4.87         51.86           AA64486         4.87         51.86           AA640066         17.16         132.19           R52607         1.61         10.24           AA634028         5.84         10.54           AA634028         5.38         10.54           AA634028         5.38         10.10.1           R44048         33.35         23.96           H19415         24.31         422.45           VA33770         7.09         82.56           AA655350         18.49         222.83           H19864         5.61         83.37           H8864         5.61         83.37           H9864         5.61         83.37           AA589761         50.55         444.65</td> <td>R56055 9,37 52.66 AAD55013 42.65 593.24 H11834 5.83 33.24 AA6868726 43.37 258.70 AA6686726 4.70 28.77 T55704 19.33 98.68 W59906 17.10 28.77 T55007 17.49 50.09 T55007 17.19 R52602 30.49 30.97 T55007 16.1 10.24 AA630028 53.64 1075.17 R44048 33.35 239.68 H19415 24.31 42.25 W93370 7.09 62.26 AA689573 2.65 69.83 AA055350 18.49 222.83 H16540 37.14 425.84 H165540 311.21 4461.25 H165540 311.21 4461.25 H165540 311.21 4461.25 H165540 311.21 4461.25</td> <td>R56055         9,37         52.66           AAD505013         42.65         53.24           H11938         9,37         56.28           H11938         9,37         258.70           AA666726         47.0         26.77           T55704         19.33         33.64           T65704         19.33         98.68           VA8906         28.75         172.26           R44486         4.97         51.68           AA610066         17.16         132.19           R55607         16.1         10.24           AA634028         53.84         1075.17           H90431         6.55         111.01           R44048         23.34         1075.17           H90431         6.55         111.01           R44048         23.35         23.96           H90431         6.55         111.01           R44048         33.35         22.24           H9864         5.61         83.37           H9864         5.61         83.37           H9864         5.61         83.37           H9864         5.61         825.84           AA588761         50.55         44461.25</td> <td>R56055         9,37         52.66           AAD55013         42.65         53.24           H11938         9,37         560.28           H11938         9,37         256.70           AA666726         4,37         256.70           AA666726         4,70         26.77           T56704         19.31         256.70           AA66066         26.75    
    172.26           R44496         4,97         50.66           AA634006         17.16         132.19           R3562         4,97         50.66           AA633007         1,61         10.24           AA633008         53.84         1075.17           R4404         33.35         239.65           H99415         24.31         422.45           W93370         7.09         82.56           AA055350         18.49         222.83           H9864         5.61         83.37           H98540         5.61         87.14           AA058353         18.49         252.83           AA083535         18.49         252.83           AA083535         11.13         424.55           H08753         16.135</td> <td>R56055         9.37         52.66           AAD55013         42.65         53.24           H11938         9.63         33.24           H11938         9.63         33.24           H11938         9.63         33.24           AA666726         4.37         256.70           AA666726         4.70         28.77           T55704         19.31         98.80           RA44996         4.97         51.68           AA610066         17.16         132.18           RA52602         30.49         30.37           RA52607         4.61         10.24           AA653008         53.84         1075.17           RA4048         33.35         239.68           H19415         24.31         422.45           AA63570         7.09         82.56           AA63570         1.61         422.45           AA63570         1.63         422.45           AA63570         1.63         22.28           AA63570         1.64         22.28           AA63570         1.63         22.28           AA63570         1.61         55.1           H16761         67.13         424.59</td> <td>R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11938         5.63         33.24           H11938         5.63         33.24           H11938         5.63         33.24           AA0666728         4.70         28.77           T56704         19.31         98.68           R44996         28.77         172.26           R44996         4.97         51.68           AA63000         17.16         132.19           R52600         1.61         10.24           AA63000         1.61         10.24           AA63100         1.61         10.24           AA63300         1.61         10.24           AA63300         1.62         111.01           H19415         2.43.5         111.01</td> <td>R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11938         5.63         33.24           H11938         5.63         35.24           H11938         5.63         35.24           H11938         5.63         35.26           H26504         4.70         28.77           R44996         4.87         172.26           R444996         4.87         51.68           AA630006         17.16         132.19           R52667         30.49         30.37           H64499         4.87         51.68           AA634026         1.61         10.24           AA634028         5.34         1015.1           R44048         33.35         23.98           H19415         24.31         422.45           AA63570         2.65         111.01           H19415         2.35         23.98           H19415         2.43         422.45           AA69857         2.65         69.65           AA6837         1.64         22.28           H1954         6.51         83.37           H1654         6.51         444.59     <td>R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11934         5.63         33.24           H11934         5.63         33.24           H11934         5.63         33.24           AA0666728         4.70         28.77           T65704         19.31         98.68           R44996         26.75         172.26           R44496         4.97         51.68           AA630006         17.16         132.19           R52667         30.49         30.37           H64496         4.97         51.68           AA634028         53.84         1075.17           R4404         33.35         23.98           H19415         24.31         422.45           AA03370         7.09         62.56           AA083530         16.49         22.28           H19415         2.43         422.45           AA08370         7.09         62.56           AA08370         7.09         62.56           AA08370         7.03         422.45           H10541         87.11         422.45           H0554         311.21         444.59</td></td> | R56055 9,37 52.66 AAD55013 42.65 533.24 H11938 5.83 33.64 H11938 5.83 33.64 H11938 5.83 33.64 AA066728 43.37 256.70 T55704 19.33 98.68 AA610066 17.16 132.18 AA63000 17.61 10.24 AA63400 53.94 1075.71 F32607 1.61 10.24 AA63400 53.94 1075.71 F42404 33.35 239.68 H19415 24.31 422.45 AA63530 18.49 62.56 AA69553 18.49 AA65530 18.49 222.83 HARKAD 31.21 4461.25   | R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11934         5.63         33.24           H11934         5.63         33.24           AA866728         43.37         256.70           AA866704         19.31         256.77           T55704         19.31         96.88           AA810066         17.26         172.26           AA610066         17.16         132.19           R52602         1.61         10.24           AA634028         5.34         10.75.1           R44048         33.56         381.56           H19415         24.31         422.45           H94043         33.55         238.66           H19415         24.31         422.45           VA69573         2.85         69.05           AA659573         2.85         69.05           AA659573         2.85         69.05           H9864         3.11.21         4401.25           H9864         3.55         4401.25           H9864         3.55         4401.25   
   | R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11834         5.83         33.24           H11834         5.63         33.24           AA666726         43.37         256.70           AA666726         47.0         28.77           T55704         19.31         96.88           AA64486         4.87         51.86           AA64486         4.87         51.86           AA640066         17.16         132.19           R52607         1.61         10.24           AA634028         5.84         10.54           AA634028         5.38         10.54           AA634028         5.38         10.10.1           R44048         33.35         23.96           H19415         24.31         422.45           VA33770         7.09         82.56           AA655350         18.49         222.83           H19864         5.61         83.37           H8864         5.61         83.37           H9864         5.61         83.37           AA589761         50.55         444.65  | R56055 9,37 52.66 AAD55013 42.65 593.24 H11834 5.83 33.24 AA6868726 43.37 258.70 AA6686726 4.70 28.77 T55704 19.33 98.68 W59906 17.10 28.77 T55007 17.49 50.09 T55007 17.19 R52602 30.49 30.97 T55007 16.1 10.24 AA630028 53.64 1075.17 R44048 33.35 239.68 H19415 24.31 42.25 W93370 7.09 62.26 AA689573 2.65 69.83 AA055350 18.49 222.83 H16540 37.14 425.84 H165540 311.21 4461.25 H165540 311.21 4461.25 H165540 311.21 4461.25 H165540 311.21 4461.25   | R56055         9,37         52.66           AAD505013         42.65         53.24           H11938         9,37         56.28           H11938         9,37         258.70           AA666726         47.0         26.77           T55704         19.33         33.64           T65704         19.33         98.68           VA8906         28.75         172.26           R44486         4.97         51.68           AA610066         17.16         132.19           R55607         16.1         10.24           AA634028         53.84         1075.17           H90431         6.55         111.01           R44048         23.34         1075.17           H90431         6.55         111.01           R44048         23.35         23.96           H90431         6.55         111.01           R44048         33.35         22.24           H9864         5.61         83.37           H9864         5.61         83.37           H9864         5.61         83.37           H9864         5.61         825.84           AA588761         50.55         44461.25   | R56055         9,37         52.66           AAD55013         42.65         53.24           H11938         9,37         560.28           H11938         9,37         256.70           AA666726         4,37         256.70           AA666726         4,70         26.77           T56704         19.31         256.70           AA66066         26.75         172.26           R44496         4,97         50.66           AA634006         17.16         132.19           R3562         4,97         50.66           AA633007         1,61         10.24           AA633008         53.84         1075.17           R4404         33.35         239.65           H99415         24.31         422.45           W93370         7.09         82.56           AA055350         18.49         222.83           H9864         5.61         83.37           H98540         5.61         87.14           AA058353         18.49         252.83           AA083535         18.49         252.83           AA083535         11.13         424.55           H08753         16.135   
   | R56055         9.37         52.66           AAD55013         42.65         53.24           H11938         9.63         33.24           H11938         9.63         33.24           H11938         9.63         33.24           AA666726         4.37         256.70           AA666726         4.70         28.77           T55704         19.31         98.80           RA44996         4.97         51.68           AA610066         17.16         132.18           RA52602         30.49         30.37           RA52607         4.61         10.24           AA653008         53.84         1075.17           RA4048         33.35         239.68           H19415         24.31         422.45           AA63570         7.09         82.56           AA63570         1.61         422.45           AA63570         1.63         422.45           AA63570         1.63         22.28           AA63570         1.64         22.28           AA63570         1.63         22.28           AA63570         1.61         55.1           H16761         67.13         424.59  | R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11938         5.63         33.24           H11938         5.63         33.24           H11938         5.63         33.24           AA0666728         4.70         28.77           T56704         19.31         98.68           R44996         28.77         172.26           R44996         4.97         51.68           AA63000         17.16         132.19           R52600         1.61         10.24           AA63000         1.61         10.24           AA63100         1.61         10.24           AA63300         1.61         10.24           AA63300         1.62         111.01           H19415         2.43.5         111.01   | R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11938         5.63         33.24           H11938         5.63         35.24           H11938         5.63         35.24           H11938         5.63         35.26           H26504         4.70         28.77           R44996         4.87         172.26           R444996         4.87         51.68           AA630006         17.16         132.19           R52667         30.49         30.37           H64499         4.87         51.68           AA634026         1.61         10.24           AA634028         5.34         1015.1           R44048         33.35         23.98           H19415         24.31         422.45           AA63570         2.65         111.01           H19415         2.35         23.98           H19415         2.43         422.45           AA69857         2.65         69.65           AA6837         1.64         22.28           H1954         6.51         83.37           H1654         6.51         444.59 <td>R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11934         5.63         33.24           H11934         5.63         33.24           H11934         5.63         33.24           AA0666728         4.70         28.77           T65704         19.31         98.68           R44996         26.75         172.26           R44496         4.97         51.68           AA630006         17.16         132.19           R52667         30.49         30.37           H64496         4.97         51.68           AA634028         53.84         1075.17           R4404         33.35         23.98           H19415         24.31         422.45           AA03370         7.09         62.56           AA083530         16.49         22.28           H19415         2.43         422.45           AA08370         7.09         62.56           AA08370         7.09         62.56           AA08370         7.03         422.45           H10541         87.11         422.45           H0554         311.21         444.59</td>  | R56055         9,37         52.66           AAD55013         42.65         53.3.24           H11934         5.63         33.24           H11934         5.63         33.24           H11934         5.63         33.24           AA0666728         4.70         28.77           T65704         19.31         98.68           R44996         26.75         172.26           R44496         4.97         51.68           AA630006         17.16         132.19           R52667         30.49         30.37           H64496         4.97         51.68           AA634028         53.84         1075.17           R4404         33.35         23.98           H19415         24.31         422.45           AA03370         7.09         62.56           AA083530         16.49         22.28           H19415        
2.43         422.45           AA08370         7.09         62.56           AA08370         7.09         62.56           AA08370         7.03         422.45           H10541         87.11         422.45           H0554         311.21         444.59   |
| AAD56013 42.85 533.24<br>T55407 77.49 560.29<br>H11938 5.83 33.64  | AA056013 42.85 553.24<br>155407 77.49 560.28<br>H11934 5.63 33.64<br>R38635 43.37 258.70  
   | AADSG013 42.85 533.24<br>175.407 77.49 560.29<br>H11934 5.83 33.64<br>R38635 43.37 256.70<br>AA866728 47.70 28.77<br>T55704 19.33 98.88  | AADS6013 42.85 533.24<br>H11934 5.60.20<br>H11934 5.63 33.64<br>R18635 43.37 256.70<br>AAA666728 4.70 28.77<br>T55704 19.31 98.88<br>VK9996 28.78 172.28   | AADS6013 42.85 533.24<br>H11934 5.60.29<br>H11934 5.63 33.60.29<br>H138535 43.37 258.70<br>AAA866726 4.70 28.77<br>T65704 19.31 98.88<br>K44448 4.87 51.88<br>AAA1006 17.15 132.19   | AADSG013 42.85 593.24<br>H1934 5.62 9<br>H1934 5.63 33.60<br>R38635 43.37 258.70<br>AA686726 4.70 28.77<br>T55704 19.33 98.8<br>W69906 26.76 172.26<br>R44488 4.97 51.88<br>RA52602 30.49 303.67   
   | AADSG013 42.65 533.24<br>H1534 77.49 560.28<br>H1633 5.63 33.66<br>R3853 43.37 258.70<br>AABS68728 4.70 28.77<br>AABS68728 4.70 28.77<br>155704 19.33 98.88<br>W69906 28.76 172.26<br>R44498 4.97 51.68<br>AA610066 17.18 132.19<br>R22602 30.49 303.67<br>155007 161 10.24  | AADSG013 42.65 593.24 H1934 5.63 35.024 H1934 5.63 35.02 H1935 43.37 256.70 AABS6726 4.70 28.77 AABS6726 4.70 28.77 H44496 26.76 17.26 H44496 4.97 51.68 AA640066 17.16 132.19 HS2682 30.49 30.3.67 T55007 1.61 10.24 AA634028 53.64 1075.77 AA634028 53.64 1075.75   | AADSG013 42.65 533.24 H1934 5.63 35.62 H11934 5.63 35.62 H11934 5.63 35.62 H11934 5.63 35.62 H25574 19.33 19.68 W69906 26.76 172.26 H44496 17.16 132.19 R2562 30.49 30.37 T55007 1.61 10.24 AA63028 53.84 1075.17 H90431 6.65 111.01   | AADSG013 42.65 533.24 H1934 5.63 33.64 H1934 5.63 33.64 H1935 43.77 258.70 AAB686728 4.70 28.77 AAB686728 4.70 28.77 AAB68728 4.70 28.77 AAB674086 17.18 132.19 R2562 30.49 30.37 T55007 1.61 10.24 AA63-0028 53.84 1075.17 H90431 6.65 111.01  
  | AADSG013 77.49 560.29 H11934 5.83 24.65 H11934 5.83 25.24 H11938 5.83 25.24 H11938 5.83 25.27 AA666728 4.37 256.70 T56.70 19.31 92.68 AA61006 17.16 192.19 R2262 30.49 51.68 AA634028 53.84 1075.77 H3067 1.61 10.24 AA634028 53.84 1075.77 H3067 6.65 111.01 R44048 33.35 229.68 H4041 33.35 229.68   | AADSG013 77.49 560.29 H11934 5.62 33.24 H11934 5.62 33.24 H11938 5.63 33.64 H11934 5.62 33.24 H11934 5.62 33.24 H11934 5.62 33.24 H11934 5.62 30.29 H12006 17.16 132.26 H22002 30.49 303.67 H24049 6.52 10.19 24 AAG34028 53.84 1075.77 H24048 33.35 2398 68 H19415 24.31 4.22.45 W93370 7.09 62.56 H36457 2.65 69.63  | AADSG013 77.49 560.29 H11934 5.63 33.24 H11934 5.63 33.64 H11938 5.63 33.64 H11934 5.63 33.64 H11934 5.63 33.64 H11934 5.63 33.64 H11934 5.63 30.49 H11934 5.63 30.49 H119415 24.31 6.52   
   | AADSG013 77.49 560.29 H11934 5.63 33.24 H11934 5.63 33.64 H11938 5.63 33.64 AAB66728 4.37 256.70 T56.704 19.33 98.68 AAB10068 17.18 132.18 RAZB62 30.49 303.67 T56.007 1.61 10.24 AAB3008 53.84 1075.71 RAJB63 6.65 111.01 RAJB63 33.35 239.68 H19415 24.31 4.22.45 AAB5370 7.09 62.56 AAG5957 2.65 89.63 AAG5957 2.65 89.63 AAG5957 2.65 89.63 AAG5953 2.65 HARKAD 31.21 4461.25  | AADSG013 42.65 533.24 H11934 42.65 533.24 H11934 5.83 33.64 H11934 5.83 33.64 H11934 5.83 33.64 H11934 43.37 258.70 H11934 43.37 258.70 H11934 43.37 258.70 H11934 43.37 258.70 H119415 24.31 81.54 H119415 24.31 24.22 H119415 24.31 24.22 H119415 24.31 24.22 H119415 24.31 4.22 H119415 24.31 4.22 H119416 33.35 23.98 H119416 33.31 H119416 33.31 H119416 43.31 H119416 43.31 H119417 44.41 H119417 44.41 H119417 44.41 H119417
44.41  | AADSG013 42.65 533.24 H1189.4 5.83 31.84 H1189.5 5.83 31.84 H1189.6 43.37 256.70 H1189.6 43.37 256.70 H1189.6 43.37 256.70 H1189.6 43.37 31.84 H1189.6 43.37 31.84 H1189.6 43.37 31.85 H1189.6 5.61 H1189.6 5.65 H1189.6 5.61 H1189.6 5.65   | AADSG013 42.65 533.24 H1834 5.83 33.64 H1834 5.83 33.64 H1834 5.83 33.64 H1834 5.83 33.64 H1835 43.37 256.70 H1836 43.37 256.70 H4848 43.37 256.70 H25007 17.19 122.19 H25007 161 17.16 H25007 161 10.24 AA593008 53.94 1075.17 H36021 65 111.01 H36415 24.31 42.25 H36415 24.31 42.25 H3652 18.49 22.25 H36416 67.14 525.64 AA598781 50.55 444.59 H18753 181.35 144.55  | AADSG013 72.65 593.24 175.407 77.49 500.29 H11993 5.83 33.64 111993 5.83 33.64 111993 5.83 29.69 H11993 5.83 29.69 43.37 256.77   
  | AADSG013 42.65 5532.4 11193.8 4.265 5532.4 11193.8 5.63 33.4 11193.8 5.63 33.6 11193.8 5.63 33.6 11193.8 5.63 33.6 11193.8 5.63 33.6 111.0 11193.8 5.63 33.6 111.0 11193.8 5.63 33.6 111.0 11194.15 5.64 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11194.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 111.0 11196.15 5.6 11196.15 5.6 111.0 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 11196.15 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.   | AADSG013 42.65 533.24 H11934 5.63 13.44 H11934 5.63 33.64 H11935 5.63 33.64 H11935 43.37 256.70 AAAB68726 4.70 25.77 T55704 16.33 98.68 AAB10056 17.16 132.18 R32662 10.49 30.36 R32662 10.49 30.36 R44096 17.16 132.19 R32662 43.56 111.01 R44048 33.35 23.86 H19415 24.31 462.45 AAB9873 2.65 69.83 AAG59350 16.40 222.83 AAG59350 16.40 12.24 H16761 67.14 525.64 AAG9873 11.17 4461.25 H16761 67.14 52.56 AAG9873 11.13 1441.55 AAG9873 11.13 12.83   | AADSG013 42.85 533.24 H11934 5.63 31.64 H11934 5.63 31.64 H11936 5.63 31.64 H11936 41.37 256.70 AAABG026 41.70 25.77 T55704 19.33 98.68 H44996 437 51.88 AABG026 17.16 132.18 H25007 1.61 10.24 AA53000 1.61 10.24 AA53000 5.16 10.24 AA53000 5.16 10.24 AA53000 5.16 10.24 H19415 24.31 22.83 AA63500 6.64 1075.17 H19415 24.31 22.83 AA63500 16.49 62.56 H19415 24.31 44.45 H16761 67.11 51279.28 AA538781 50.55 444.59 H16761 67.11 51279.28 AA588781 50.55 444.59 H16761 67.11 51279.28  | AADSG013 42.85 533.24 H11934 5.63 13.44 H11934 5.63 3.60.29 H11935 5.63 3.60.29 H11935 5.63 3.60.29 H11935 4.3 17 256.70 AAABG056 4.3 1 98.68 AABG066 17.16 132.18 R52662 30.49 30.39 R52662 10.49 30.39 R52662 10.49 30.39 R52662 43.56 117.10 R39652 6.51 117.10 R39652 6.52 111.10 R44048 33.35 2398 H19415 24.31 4.22.45 W459877 2.63 112.24 H19541 6.51 11.21 4.461.25 H16541 67.11 5.22.28 AAS88781 6.52 6.64.59 H16554 67.14 525.64 AAS88781 5.05 68.68.37 H16554 67.14 525.88 AAS88781 5.05 68.68 H16458 50.55 444.59 H16428 50.55 444.59 H16428 50.55 444.59 H16428 50.55 50.50   
   | AADSG013 42.85 533.24 H11934 5.63 14.45 H11934 5.63 3.60.29 H11934 5.63 3.60.29 H11935 5.63 3.60.29 H11935 5.63 3.60.29 H11935 5.63 3.60.29 H419496 4.97 5.168 H419415 10.24 H19415 24.31 22.28 H19415 24.31 4.22.45 H19415 3.33 11.21 H19634 3.11.21 4.441.55 H1953 11.21 4.441.55 H19415 3.464 2.22 H19415 3.464 2.22 H19415 3.464 3.31 H19418 3.50 H11418 3.50  |
| H11938 5.83 33.64  | H11938 5.83 33.64<br>R38635 43.37 258.70  
   | H11933 5.93 33.64<br>R38535 43.37 258.70<br>AAB68726 4.70 26.77<br>T56704 19.33 98.68  | H11933 5.83 33.64<br>R136835 43.37 256.70<br>AA666726 4.70 28.77<br>T55704 19.33 98.88<br>VK99906 28.76 172.26   | H11934 5.83 33.64<br>R38635 43.37 258.70<br>AAA666726 4.70 28.77<br>T55704 19.33 98.88<br>R44448 4.97 51.88<br>RAA410096 17.15 132.19  | H11993 5.63 33.64<br>R38635 43.37 258.70<br>AAA686726 4.70 28.77<br>T55704 19.33 98.8<br>W69906 26.76 172.26<br>R44488 4.97 51.88<br>AA610066 17.16 132.19<br>R52662 30.46 300.67  
   | H11893 5.83 33.64<br>R38535 43.37 258.70<br>A6868728 4.70 28.77<br>A686906 26.76 172.26<br>R44496 4.97 51.68<br>AA610066 17.18 132.19<br>R32682 30.49 303.67<br>T55007 (61 10.24   | H11893 5.83 33.84<br>R38835 43.37 258.70<br>AA6868726 4.70 28.77<br>T55704 19.33 98.88<br>W69906 26.76 172.26<br>R44496 4.97 51.68<br>AA610066 17.16 132.19<br>R52682 30.49 30.3.67<br>AA634028 53.84 1075.17<br>AA634028 53.84 1075.17   | H1189.4 5.8.3 33.64<br>R3853.5 43.37 258.70<br>AA686872.8 47.70 28.77<br>R4449.6 28.76 172.28<br>R4449.6 4.97 51.68<br>AA61008.6 17.18 132.19<br>R5266.7 1.61 10.24<br>AA63402.8 53.84 1075.17<br>R365.2 43.56 181.56  | H11834 5.83 33.64<br>R38535 43.37 258.70<br>AAB686726 4.70 28.77<br>R44488 28.76 172.28<br>R44488 17.18 132.18<br>R32682 30.49 30.37<br>T55007 1.61 10.24<br>AA634028 53.84 1075.17<br>R36552 43.56 381.56<br>H90431 6.65 111.01  
  | H11993 5.83 33.64 R13853 43.37 258.70 AA6868728 47.70 26.87 T56704 19.33 92.87 R44498 4.97 51.68 AA610066 17.16 132.18 R52682 30.49 10.75.77 AA634028 53.84 1075.77 H39652 43.59 139.15 R44048 33.35 239.68 H49413 33.35 239.68 H49414 24.31   | H11993 5.83 33.64 R13853 43.37 258.70 AAA686728 47.70 25.77 T56704 19.33 98.87 R44495 49.7 51.68 AAA1006 17.18 132.18 R52862 30.49 303.87 T5607 1.61 10.24 AA634028 53.84 1075.77 H5041 6.55 1111.01 R44048 33.35 239.68 H19415 24.31 422.45 W93370 7.09 92.56   | H11993 5.83 33.64 R18635 43.37 256.70 AA6868728 47.70 28.77 T56704 19.31 98.88 AA610066 17.18 132.18 RA2662 30.49 30.37 T56007 1.61 10.24 AA634026 53.84 1075.77 RA64048 53.5 239.85 H19415 24.31 4.22.45 WA69577 2.65 89.85 AA68957 2.65 89.85 AA68957 2.65 89.85   
   | H11993 5.83 33.64 R38635 43.37 258.70 AAA666726 47.70 29.77 T56704 19.33 98.87 R444996 4.97 51.88 AA610066 17.16 132.19 R52607 1.61 10.24 AA634026 53.84 1075.77 R44048 53.85 111.01 R44048 33.35 229.85 H19415 24.31 422.45 WA69557 2.65 89.83 AA655350 18.49 222.83 HARSAM 31.21 4461.25   | H11994 5.83 33.64 R13855 43.37 256.70 AA6868728 47.70 26.77 T5570-4 16.33 98.68 AA610066 17.18 132.19 R52662 30.49 30.367 T55007 1.61 10.24 AA63020 5.94 1075.17 R39652 43.56 111.01 R44048 33.35
239.88 H19415 24.31 4.22.45 WA69573 2.85 69.33 AA659573 2.85 69.33 H19864 5.61 83.37 H19864 5.61 83.37 H19864 5.61 83.37 H19864 5.61 83.37 H19864 37.11.21 44401.25  | H11893 5.83 33.64 R13855 43.37 256.70 AA6868728 43.07 256.70 T55704 16.33 88.68 R44488 4.87 51.88 RA4488 4.87 51.88 R52662 17.18 132.18 R52662 10.49 303.67 T56007 1.61 10.24 AA634028 53.84 1075.17 R38652 43.58 381.58 H19415 24.31 4.22.45 W33377 7.69 82.56 AA685350 18.49 222.83 H18884 5.61 83.37 H18864 5.65 88.37 H16864 5.65 84.45.9  | H11894 5.83 33.64  R38855 43.37 256.70  F4686726 4.70 28.77  F65704 19.33 98.68  R44486 4.97 30.49  R52602 17.16  F55007 1.61 10.24  AA6304028 53.94 1075.17  R3662 43.59 1075.17  R44048 33.35 239.68  H19415 24.31 42.25  AA639573 2.85 69.83  AA689573 1.87  H18854 31.21 4461.25  H16854 31.21 4461.25   | H11998 5.83 33.64 R13853 43.37 256.70 AA6866726 43.37 256.70 155704 19.33 99.68 AA610066 17.16 132.19 R25682 30.49 30.97 R25682 30.49 30.97 R35682 30.49 30.97 R35682 30.49 30.97 R35682 30.49 1075.71 R44048 33.35 239.68 H30413 24.31 422.45 AA685350 18.49 222.83 H80864 5.61 83.37 H80864 5.61 83.37 H80864 5.61 83.37 H80854 5.61 83.37  
  | H11994 5.93 33.64  R13655 43.37 256.70  AAA668726 4.70 26.77  T55704 19.33 98.65  R444996 4.97 51.86  AA610066 17.16 132.19  R32682 30.49 30.95  R32682 30.49 30.95  R32682 30.49 30.95  R44048 53.84 1075.71  R44048 33.35 239.68  H19415 24.31 422.45  W93370 7.09 82.56  AA699573 2.65 68.63  AA69573 2.65 68.63  AA695819 50.55 444.59  H16761 67.14 525.54  AA69873 30.55 141.35 1279.28  AA69873 115.11 4461.55  H16761 67.14 525.54  AA69873 30.55 141.35 1279.28  AA69873 30.55 444.59   | H11934 5.93 33.64  R13855 4.3.77 256.70  AAA686726 4.70 25.77  T55704 10.31 98.68  R444996 4.97 51.58  AA610066 17.16 132.19  R32662 10.49 30.37  R32662 10.49 30.37  R46408 53.84 1075.77  R40408 53.84 1075.77  R40408 33.35 23.86  H19415 24.31 24.245  AA659573 2.65 69.83  AA659573 2.65 69.83  AA659573 2.65 69.83  AA659573 1.67 444.59  H16761 87.14 525.64  AA698781 50.55 444.59  H2873 14.15 1279.28  AA698781 50.55 444.59  H2871 30.23 162.29   | H11934 H11934 H11934 H11934 H11934 H11935 H13855 H137 H24068 H26.17 H2406 H17.18 H2406 H17.18 H25007 H2406 H17.18 H25007 H2406 H17.18 H25007 H2406 H19415 H19415 H19415 H2404 H19415 H19415 H2404 H19415 H194   | H11994 H11994 H11995 H11995 H11995 H11995 H11995 H11996 H1   | H11994 5.83 33.64  R18655 43.37 256.70  AA6866726 47.70 25.77  T5570-4 16.33 98.68  AA610066 17.16 132.19  R25607 161 10.24  AA63000 5.30 49 30.36  R35652 43.56 110.71  R3652 43.56 111.01  R3652 43.56 111.01  R44048 33.35 239.89  H19415 24.31 42.245  W69877 5.61 83.37  H16864 5.61 82.56  AA68957 2.65 69.83  AA68535 16.49 22.28  H16761 67.11 27.28  H16761 67.11 25.28  H16761 67.11 27.9  H16761 50.41 27.75  H16422 50.41 27.75  H16422 50.41 27.75  H16422 50.41 27.75  H16422 50.41 27.75   
   |
|  | R38635 43.37 258.70   
   | R38635 43.37 238.70<br>AA868726 4.70 26.77<br>T55704 19.33 98.68   | R38635 43.37 258.70<br>AA6868728 4.70 28.77<br>T56704 19.33 98.89<br>VK99906 28.75 172.25  | R38635 43.37 258.70<br>AA6868728 4.70 26.77<br>T56704 19.31 68.80<br>R44488 4.97 51.88<br>AA610086 17.15 132.19  | R38635         43.37         258.70           AAA866728         4.70         26.77           T55704         19.31         98.88           W69906         26.76         172.26           R44448         4.97         51.88           AAA10066         17.16         132.19           R52682         30.49         303.67  
   | R38635         43.37         256.70           AA8668728         47.0         28.77           T56704         19.31         186.87           W69906         26.76         172.26           R44488         4.97         51.68           AA610066         17.16         132.18           R22682         30.49         30.347           T55007         161         10.24  | R38635 43.37 256.70 AA8668728 4.70 29.77 T56704 19.31 98.88 W69906 26.76 172.26 R44488 4.97 51.88 AA610066 17.16 132.19 R22682 30.49 30.367 T56007 1.61 10.24 AA634028 53.84 1075.17 R38652 43.59 301.56  | RAB6SS         43.37         256.70           AA868728         47.0         28.77           T55704         19.31         96.88           W69906         26.76         172.26           R44498         4.97         51.68           AA40066         17.16         132.18           R22682         30.49         303.67           T56007         1.61         10.24           AA634028         53.84         1075.77           R38652         43.56         111.01           H90431         6.65         111.01  | R38635 43.37 256.70 AA8668728 4.70 28.77 T55704 19.31 86.88 W69906 26.76 172.26 R44496 4.97 51.68 AA610066 17.16 132.19 R22682 30.49 303.67 T55007 1.61 10.24 AA633028 53.84 1075.17 R38552 43.56 111.01  
  | RAB6SS         43.37         258.70           AAA666726         43.37         258.70           156704         19.31         26.77           156704         19.31         98.68           VAR90506         26.78         172.26           RA4436         4.97         51.68           AAA10066         17.16         102.19           R25602         30.49         30.37           AA653028         53.84         1075.17           H30643         6.65         111.01           R44048         33.35         229.68           H49415         24.31         422.45           MAA1177         7.00         82.56   | RAB6SS         43.37         258.70           AAA666728         47.0         25.77           T56704         19.31         26.77           VK99906         26.78         172.26           RA44096         4.97         51.68           AAA10066         17.16         132.19           R52662         30.49         30.87           T55007         4.61         10.24           AA634028         53.84         1075.17           H30652         43.56         111.10           R44048         33.35         239.68           H19415         24.31         422.45           VM33370         7.09         92.56           AAG99573         2.65         96.63   | RAB6SS         43.37         258.70           AAA666728         43.37         258.70           T56704         19.31         98.87           T56704         19.31         98.87           RAB696         28.75         172.26           RA44096         17.18         132.18           AAA1006         17.16         132.18           RA2502         1.61         10.24           AA63402         53.84         1075.17           RA4048         33.35         23.95           H19415         24.31         4.22.45           WA89577         2.65         99.95           AA689577         2.65         99.95           AA689577         2.65         99.85           AA689577         2.65         99.85  
   | RAB6SS         43.37         258.70           AAA666728         43.37         258.70           T56704         19.31         98.87           T56704         19.31         98.87           WK99906         28.75         172.26           RA44096         4.97         51.68           AAA10066         17.16         132.19           RA2562         30.49         30.37           RA53007         4.61         10.24           AA653028         53.84         1075.17           R44048         33.35         23.95           H19415         24.31         4.22.45           AA03370         7.09         82.56           AA05357         2.65         89.83           AA05353         18.49         222.83           HBB644         5.61         83.37           HBB644         5.61         89.37           HBR540         31.3.2         4461.25   | RABBGSS         43.37         258.70           AAABBGSS         43.37         258.70           TS6704         19.33         98.87           VK99906         26.75         177.26           R44499  
      4.97         51.68           AAB10066         17.16         132.19           R52607         1.61         10.24           AAB3000         1.61         10.24           AAB3000         1.61         10.24           AAB3000         1.61         10.24           AAB3000         1.61         10.24           AAAB300         6.65         111.01           R4404         33.35         239.85           H19415         24.31         422.45           VAB99573         2.85         68.83           H8684         5.61         83.37           H9884         5.61         83.37           H9864         5.51         83.37           H16540         47.14         825.64   | RAB8GS         43.37         258.70           AAAB8GTZ8         43.37         258.70           T56704         19.33         98.88           WK99906         26.75         177.28           R44499         4.97         51.68           AAB10066         17.18         132.18           R52602         1.61         10.24           AA63020         1.61         10.24           AA63020         5.34         1075.17           R4404         3.35         23.86           H19415         24.31         4.22.45           W33370         7.09         82.56           AA635373         2.85         69.93           AA653530         18.40         222.83           H19884         5.61         83.37           H16540         37.12.11         4441.25           AA598771         47.45         4445.9   | RA38635         43.37         258.70           AA6868726         47.0         26.77           T55704         19.31         98.68           WK98906         26.75         177.28           R44996         4.97         51.68           AA610060         17.16         132.19           R52607         1.61         10.24           AA63020         3.049         30.047           R52607         1.61         10.24           AA63020         3.14         1075.17           R38652         43.59         381.56           R44048         33.35         239.68           H19415         24.31         422.85           AA893977         2.65         69.83           AA685350         18.49         222.83           H1654         5.71         420.85           H1654         5.71         4461.25           H1654         67.14         525.64           AA58981         50.55         444.59           H1676         67.14         525.64           AA58981         50.55         444.59           AA58981         50.55         444.59           AA58981         50.55  | RA38635         43.37         26.77           AA666726         43.37         26.77           155704         19.33         96.88           VA9906         26.75         172.26           R44486         4.97         51.68           AA610066         17.16         132.19           R52682         30.49         30.56           R52692         30.41         10.24           AA634028         53.84         1015.17           R44046         33.35         111.01           R44046         33.35         22.45           H9415         24.31         422.45           AA683570         7.09         82.56           AA683570         2.85         98.83           H9864         5.61         83.37           H9864         5.61         82.24           AA58781         50.55         4461.25           H08753         161.35         1279.28           H08753         161.35         1279.28           H08753         161.35         1279.28  
  | RABBGSS         43.37         256.70           AAABBGSS         43.37         256.70           TG5704         19.33         20.67           VK99906         26.77         172.26           RA4408         4.97         51.68           AAAB1006         17.16         132.19           RA52602         30.49         30.36           RA52607         1.61         10.24           AA633008         53.44         1075.41           RA404         33.35         23.98           H19415         24.31         422.45           H98415         24.31         422.45           AAB9377         2.65         68.63           AAB9377         2.65         68.63           AAB9377         2.65         68.63           AAA05335         18.49         222.83           H6554         5.61         83.37           H6554         67.14         525.64           AA488181         50.55         444.59           AAA88781         50.55         444.59           AAA8871         30.23         192.28           AAA8871         30.23         192.29           AAA8871         30.23  | RAB6SS         43.37         256.70           AAA666726         43.77         256.70           T56704         19.33         30.67           WK9906         26.77         172.26           RAA60066         17.16         132.19           AAA63002         10.49         30.37           RS2862         30.49         30.37           RAA63028         53.44         107.24           AA633028         53.44         107.24           RA40408         33.35         23.98           H19415         24.31         422.45           RA40408         33.35         23.98           AA683570         7.09         62.66           AA683577         2.65         68.37           H1854         2.03         14.44.59           AAA68381         5.61         83.37           H1854         5.61         83.37           H1854         5.05         444.59           AA083239         5.61         87.14           AA082239         5.62         86.81           AA082239         5.63         86.81           AA082239         5.64         444.59           AA082239         5.64  | RABBGSS         43.37         258.70           AAABBGZS         43.37         258.70           TS6704         10.33         30.88           WK9906         26.75         177.26           RAAB 10056         17.18         137.26           RAAB 10056         17.18         132.18           AAB 10056         17.16         132.18           AAB 10056         17.16         132.18           AAB 175007         4.61         10.24           AAB 53007         4.61         10.24           AAB 53007         4.61         10.24           H19415         24.35         23.98           H19415         24.31         4.22.45           AAB 2370         2.65         61.85           H19415         24.31         4.22.45           AAB 2370         1.66         68.53           AAAB 2370         1.66         68.53           H16761         87.14         52.28           AAAB 237         16.13         52.28           AAAS 8781         80.55         444.59           AAAS 8781         80.55         444.59           AAAB 237         444.59           AAAB 237         444.59 <td>RASBGSS         43.37         258.70           AAABGBTSB         43.37         258.70           TSG704         10.23         30.88           WK99906         26.75         177.26           RA44096         4.97         51.68           AAB10060         17.16         132.18           RA52602         1.61         10.24           AA634020         53.84         1075.17           RA40408         53.44         1075.17           RA40408         33.35         23.98           H19415         24.31         4/2.45           AA699573         2.65         66.56           H19415         24.31         4/2.45           AA699573         2.65         68.53           H19415         2.20         62.56           AAA699573         2.65         68.53           AAA69977         2.65         68.53           H1654         87.14         52.28           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA6873</td> <td>RASBGSS         43.37         258.70           AAABGBZS         43.37         258.70           TSG704         10.33         30.86           WK9906         26.75         172.26           RA4096         4.97         51.88           AAB1006         17.16         132.18           RA2007         16.1         10.24           AAB3007         16.1         10.24           AAB3007         16.1         10.24           AAB3007         16.1         10.24           RA4048         33.35         23.81.56           H19415         24.31         422.45           AAB3370         2.63         111.01           R4408         33.35         23.86           AAB3370         2.63         62.26           AAB3370         2.64         82.26           AAA5878         3.61         82.26           H16781         47.12         464.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55</td> | RASBGSS         43.37         258.70           AAABGBTSB         43.37         258.70           TSG704         10.23         30.88           WK99906         26.75         177.26           RA44096         4.97         51.68           AAB10060         17.16         132.18           RA52602         1.61         10.24           AA634020         53.84         1075.17           RA40408         53.44         1075.17           RA40408         33.35         23.98           H19415         24.31         4/2.45           AA699573         2.65         66.56           H19415         24.31         4/2.45           AA699573         2.65         68.53           H19415         2.20      
  62.56           AAA699573         2.65         68.53           AAA69977         2.65         68.53           H1654         87.14         52.28           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA6873  | RASBGSS         43.37         258.70           AAABGBZS         43.37         258.70           TSG704         10.33         30.86           WK9906         26.75         172.26           RA4096         4.97         51.88           AAB1006         17.16         132.18           RA2007         16.1         10.24           AAB3007         16.1         10.24           AAB3007         16.1         10.24           AAB3007         16.1         10.24           RA4048         33.35         23.81.56           H19415         24.31         422.45           AAB3370         2.63         111.01           R4408         33.35         23.86           AAB3370         2.63         62.26           AAB3370         2.64         82.26           AAA5878         3.61         82.26           H16781         47.12         464.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55         444.59           AAA588781         50.55  |
| T55704 19.33 98.68 WR9896 26.76 177.28 R44498 4.97 51.68 AA610066 17.16 132.19 R52607 161 10.24 AA63020 53.44 1075.17 R39652 43.56 111.01 R44048 33.53 23.86 H19415 24.31 4.22.45 W93370 7.09 82.56 AA699573 2.85 69.83 AA699573 2.85 69.83 AA69957 11.21 4461.25 H16761 67.14 525.64 AA588781 50.55 192.99 R42671 34.64 59 H08753 161.35 1279.28 AA69827 69.55 69.55 H16781 67.14 525.64 AA588781 50.55 192.99 R42671 34.64 59 H08753 161.35 1279.28 AA69827 50.41 2775.75 R94178 9.37 50.99 AA412738 9.31 61.99  | WASSON         28.76         177.26           AAA 1006G         17.18         173.18           AAA 1006G         17.18         132.18           R5266Z         30.49         30.37           T5600Z         1.61         10.24           AA6340Z8         53.44         1075.17           R365Z         43.56         30.156           R404B         33.35         23.86           H1941S         24.31         422.45           VA39377         2.65         90.56           H1946         33.35         23.86         93.37           H19864         3.61         92.24         83.37           H18664         311.21         4461.25         4461.25           H16781         67.14         222.88         4461.25           H16781         67.14         225.84         4461.25           H16781         67.41         222.83         4461.25           H16781         67.54         4461.25         444.55           H16781         67.54         4461.25         444.55           H16781         67.54         4441.55         444.55           H16781         67.55         67.55         64.45.56 <td>AA610066 17.16 132.19<br/>R52662 10.49 30.047<br/>756007 161 10.24<br/>7463028 53.44 1075.17<br/>R3652 43.56 136.15<br/>R4048 33.35 23.86 81.56<br/>H19415 24.31 422.45<br/>V433370 7.09 42.24<br/>V4083573 2.85 80.83<br/>AA689573 2.85 80.83<br/>AA689573 16.49 22.28<br/>H1654 87.37 444.59<br/>H0754 87.11 446.12<br/>AA588781 50.55 444.59<br/>H08753 16.135 12.79.28<br/>AA688781 34.64 22.81<br/>H0751 37.64 52.56<br/>AA588781 34.64 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	Ovary	CNS	LID not found	Prostato	Whole embryo	Heart	Parathyroid	Pooled	oKidney	Lung			Pod	Gern Cell	Other	Prostate	cEar	LID not found	Other	Brain	CNS	Placenta	Brain	d Aorta		Other	LID not found	Whole embryo	LID not found	Germ Cell	Lymph	Germ Cell	Other	Grain	Signa	Cito not lound	בום עם וסחום	· •	Tonni	Darrehmond	Plant	Done in	2 4	a Caler	AGIGB Theone	2	Adrenal cland	March	Musica Language	you many	Cervix	Whole emboro	Wildle dallory	Placenta
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	98.48 Parathyroid	217.43 Larynx	Pod	22.69 Colon	141.89 Foreskin	287.63 Pool	296.2 CNS	198.24 Breast	420.51 Whole embryr	218.02 Stornach		SNO	978.7 C900	404 Dool	45.1 Formskin	Towarkin	410 23	578 51 Far	154 % Neuro	164.31 Adinose	Prostate	270.8 Epididymis	14.91 CNS	Foreskin	69.98 Thymus	116.81 Foreskin	CNS			120.34	354.33 Placenta	289.88 CNS	22.00 Drain	1970 8.407	} <u>[</u>	140.92 Foreskin	Heart	Heart	Foreskin	210.4 Hear	Suley Olerus	Down's Heart	323.97 Ear	41.12 Neural	Pancress	<b>5</b>	576.38 Aorta	Kidney	Umbilical co	650.09 Brain	684.31 CNS Breast	
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	6.39	7.52	9.52	6.82	5.93	5.15	7.08	6.67	8.46	6.93	5.17	6.46	5.71	,	» (c	2.0	) 4 0 0 1			9 9	7.7	, 0	01.01	0.00	9.51	6 39	9.83	6.04	5.86	10	8.05	6.67	5.08	2.5	9.5	0.6	\$ 2	6.29	10.28	6.20	5.3	8.89	20.50	5.88	18.34	7.55	10.81	5.54	7.14	5.15	9.20 6.75	
	672.71	293.81	54.41	26.38	279.16	17.48	1134.59	448.02	114.47	97.80	282.84	14.52	23.21	141.89	27.01	7/00	122.51	1062.7	100.00	1632 70	100	123.45	47.84	652.50	348.61	1366.87	95.69	204.61	200.12	82.76	27.21	25.98	21.50	166.48	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	390.24	23.42	39.11	1854.38	5.70	48.65	704.02	43.97	58.80	71.56	47.33	32.46	36.12	1113.27	1970.93	149.69	
	105.30	30 05	5 72	1.53	47.06	3,40	160.27	51.78	13,53	9.85	49.05	2.25	4.07	76.58	£.58	9.58	8	141.65	10.00	5.5	2 6	3 5	2.4	108 68	36.68	213.91	9.73	33.69	34,17	8.42	3.38	11.39	4.23	31.92	10.50	45.48	1.29	6.21	180.45	13.67	9.10	79.24	- y	10.03	3.80	6.27	3.0 3.0	6.62	158.02	382.68	11.63	:
	W15542	44457119	R02329	680.50	N33555	W84774	AA131530	T95650	N92404	AA007370	T83864	N49577	W67292	W37447	AA004796	N361/2	NZ8714	ADAMA.	2012UV	0007/M	AADEROKO	AABB0646	645044	N36994	AA022561	N72307	N62487	VA83785	AA700604	N26906	R62384	N49276	H46254	N46240	VV65423	PA149220	AA009484	AA040387	N32199	W72803	AA151480	AA454689	AA055163	AA113881	T97710	R43088	R58200	AA018320	157834	H09243	T57349 R46202	
	320201	810454	124229	99000	270277	415806	503725	120678	308216	429299	113193	277714	343387	321800	429108	27.2677	288250	120924	36	265/43	201102	30.300	277042	27,104,5	364510	291417	288748	342208	433350	257248	139840	280387	177967	279091	416539	504623	365575	376080	272327	345051	503086	809674	3//166	531957	121551	32632	41793	363055	80692	46196	74713	!
	9866		3 5	9 5	200	10022	10027	10030	10034	10038	10042	10047	10048	10052	10058	200	10064	10078	1991	900	1000	200	999	666	3 5	1011	10115	10117	10120	10124	10128	10129	10136	10139	10140	10143	64.6	10157	10162	10165	10166	10167	5,101	10177	10181	10191	10192	10195	10188	10199	10204	

Page 45 of 91

Table 2A

LID not found		LID not found	LID not found	LID not found		LID not found	egoue	1 Other	ceNeural	CNS		Aorta	d Colon	Breast	Foreskin	Lung	Uterus	Colon	Olher	d Oihar	Adrenal gland	Stomach	LED not tound	Brain	d Other	Orgin	d Other		Whole embryo	Adrenal gland	d Gre		Loreskin	Prostate		d Cale	. 0	i di di	Breast	od Other		UD not found	Eye	d Other	ryoPool	Parathyroid	Brain	nd Other	Foreskin	nd Other	nd Other	Placenta	Ę
Pod	Lymph	Brain	Colon	Pool	Pool	Brain	Small intestineBone	LID not found Other	Small intestineNeural	Eye	Lymph	Colon	Adrenal gland Colon	Eye	Ear	Uterus	Lung	Placenta Colon	LID not found	LID not foun	Çeză	Cerk		Невл	LID not found Other	Testis	LID not found	Aorta		tineCervix	Whole embryould not found Other			Lung Prost		CID not found Other	10 act found Other	-	_	LtD not found Other		Ovary	•	LID not found Other	Whole embryoPool	Ovary	Solo	_	÷.	LID not found Other		d Breast	
542.11 Spleen	31.43 Uterus	335,43 CNS	Teslis	443.96 Brain	621.98 Adipose	813.3 Thyrold	421.71 Aorta	413.37 Brain	245.27 Ignore	67.96 Tonsil	266.59 (gnore	24.02 Lymph	309.17 Thyroid	438.11 Brain		Ea Ea		599.41 Naural	43.25 Heart	473.05 Brain	274.1 Ovany	354.25 Aorta	Adrenal gland	122.42 Nose	Brain		283.1 Brain	139.88 CNS	Brain	Small intest	248.29 Whole emt	281.57 Tonsil	384.33 Pancreas	436.1 Tesus	Series Brain	245.98 Eye	40.47 CNO	Parathoroid	Aorta	Brain		Nose	64.68 Germ Cell	185.89 Brain	Testis	217.43 Cervix	511.07 CNS	253.65 Brain	Synovial men	309.06 Eye		Perathyroid	Foreskin
80	7	-		4	-	æ	2	æ	2	7	2	4	5	, <b>60</b>	•		-	က	=	~	5	×		e		9	×	n			50	wo ·	<b>w</b> (	יסט	n ;	= :	9	•					ø	19		21	ç	5		6	0		
3.00	000	000	3.00	0.0	0:00	9:00	800	8.0	8.	1.00	0.0	8:	5.00	1.00	8.	8	2.00	2.00	.0	9.9	1.00	1.00	2.00	<b>9</b> .00	0.00	5.00	0.00	4.00	0.00	2.00	4.00	8	5.00	8	8	0.0	3 6	8 6	000	0.00	0.0	00.0	1.00	2.00	3.00	2.00	87	2.00	1.00	2.00	2.00	0.00	000
0.1	2.00	0.1	8.8	8	1.0	5.00	00.1	3.00	0.0	00.0	1.00	0.0	2.00	0.0	0.0	3.00	1.00	0.00	8.0	9.	0.00	2.00	0.00	1.00	1.00	9.00	8.	<b>8</b> .00	3.8 8.8	0.0	0.0	1.00	4.00	0.00	9.00	3.00	9 9	3 5	8 8	8	8.8	8	0.00	5.00	0.00	0.00	2.00	2.00	00.0	2.00	3.00	9	1.00
6.25	27.84	8.17	9.27	5.98	5.33	10.67	8.63	7.52	5.24	6.25	5.31	11,39	7.76	7.90	7.04	7.46	6.0 <u>4</u>	11.78	5.33	11.67	5.05	7.73	8.76	7.70	5.04	12.92	19.68	8.08	12.32	7.4	7.93	6.43	6.54	6.20	32.	<b>10</b>	19.7	20.0	25.47	6.53	7.95	6.41	5.75	10.11	6.07	7.76	90.6	24.09	7.06	8.22	10.13	<b>2</b>	9.42
332.42	230.57	19.79	352.62	21.50	112.40	318.81	4715.07	19.30	325.37	29.74	11,44	737.72	2277.83	43.90	217.12	57.09	505.47	598.34	51.42	558.85	59.81	281.87	1094.79	226.19	32.69	620.10	84.15	645.94	69.52	1984.87	228.15	25.58	402.87	54.16	119.69	328.45	33.68	343.00	50.30	23.55	32.38	7.97	20.93	54.60	89.26	237.42	13.64	22.97	62.6	1642.03	23.80	1014.81	1268.39
53.18	8.28	2.42	38.08	3.59	21.09	29 89	546.62	2.57	62.10	4.76	2.15	84.78	293.58	5.56	30.83	7.65	83 72	50 ZZ	9.65	47.70	11.87	36.44	161.99	29.38	8.48	48.00	4.27	80.09	5.64	286.88	28.77	3.98	61.65	10.42	3.63	32.82	6 9	86.03	733	960	4.07	1.24	3.64	5.40	14.71	30.61	1.5	0.95	1.32	199.76	5.38	148.28	134.69
T57221	T95113	R43646	AA400262	R38089	AA007699	69260H	AA634006	R56148	AA156461	R38274	T96688	AA629558	R33031	H10079	AAB78280	T58129	N94820	R39555	AA041300	R54797	AA402812	AA052960	AAD88430	H09664	R43456	R53980	R43676	H10661	AA608555	AA191488	AA460365	R45284	H11016	AA487896	R53446	AA489813	R58556	AAUSAUSB	Dietas	R39546	W72881	T50995	AA489847	R38381	AA429573	AA458473	R42895	R54109	R23735	AA489768	R38018	W15487	AA454682
13222	120600	32925	742635	23218	429448	46360	868304	41405	505491	23554	121406	884718	135085	46949	432042	79240	306575	23728	376356	40352	742038	509943	511806	46438	32483	40150	22845	46236	950676	627251	795084	23063	47059	840576	40038	639579	41595	428936	16775	23822	345262	76647	839870	23800	781461	009608	32092	41825	131826	839807	24237	322652	809657
10207	10210	10216	10223	10224	10225	10232	10235	10240	10248	10248	10253	10261	10262	10264	10286	10268	10269	10272	10275	10278	10282	10288	10291	10293	10294	10297	10302	10309	10312	10314	10315	10316	10317	10319	10321	10323	10324	10326	200	10340	10342	10344	10347	10348	10351	10355	10356	10361	10362	10363	10364	10366	10367

Page 45 of 91

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						apre	\$				
10584	46829	H10047	15.09	136.25	9.03	2.00	3.00	1	126.26 Brain	LID not found	
10587	45877	H08582	6.76	62.58	9.28	1.00	000	^	323.97 Brain	Kidney	Lung
10598	48367	65660H	6.28	39.97	6.37	1.00	1.00	Ξ	259.81 Brain	Pool	LID not found
10803	46266	H09078	5.33	20.02	5.41	8.	0.00	۷	141,36 CNS	Brain	Cere
10613	430968	AA678335	900	234.02	39.01	8	0.00		<u>8</u>	Testis	Prostate
10614	472008	AA036881	8.82	151.10	22.17	0.00	1 00	ო	143.12 Lung	Lymph	Uterus
10618	50587	H17620	70.18	627.73	8.94	8.8	5.00	~	488.05 Brain	Testis	LID not tound
10620	51981	H23229	74.03	710.43	9.80	3.00	0.00		Ovary	Blood	Prostate
10622	223350	H86554	3.16	372.02	117.56	21.00	2.00	80	426.08 Gell bladder	Lyer.	Ovary
10623	46273	H09082	8 47	66.95	7.90	200	99.	-	130.67	CNS	Eeg Ceg
10626	878838	AA670430	15.43	112.35	7.28	1.00	8:0	<b>-</b>	468.83 Aorta	CNS	Brain
10827	47789	H11728	2.73	20.43	7.47	2.00	0.00	5	229.15 Pancreas	Bone	Soci
10829	461727	AA682293	6.34 24.	38.68	6.10	00.1	9.0		Gall bladder	Civer	Kidney
10832	49227	H15408	6.73	65.74	9.76	2.00	0.00	<b>*</b>	21.38 Foreskin	Brain	
10635	26503	R20639	4.32	23.78	5.51	0.00	8	24	97.77 Brain Pooled	Pooled	S C
10637	755612	AA419229	11.98	188.01	15.69	9.00	8.0	N ·	471.33 Adrenal gland	S Code	
10639	50004	H16733	207	18.33	8.83	1.00	000	<b>m</b> 1	91.11 Splean	Crain	
10640	33716	R44078	17.44	119.79	6.87	0.00	2.00	~	601.67 Neural	Marrow	
10641	684783	AA629603	0.73	70.39	96.44	1.00	0.00	-	265.7 Gall bladder	Spleen	
10642	49987	H28734	200	78.04	39.51	7.00	0.00		Brain	S E	
10644	25838	R37108	24.83	385.27	15.52	4.00	2.00	2	194.06 Brain	Foreskin	c C
10646	739183	AA421218	5, 15	100.31	19.49	6.00	8.8	5	259.04 Synovial memEye	a Eye	_
10851	41720	R54105	1.08	7.37	6.97	8.	1.00	~	97.77 Brain	Pooled	CNS
10652	25520	R37696	16.19	195.37	12.07	7.00	8.00	õ	278.4 Whole embryoBrain	oBrain	UD not found
10653	214985	H72030	11.55	132.27	11.45	9.6	1.00	11	340.31 Neural	Parathyroid	Stomach
10880	34486	R44214	82.53	428.97	5.20	2.00	0.00	ũ	32.28 Uterus	Brain	8
10885	51907	H23529	70.24	819 70	11.67	8	9.00	<b>6</b>	214.41		
10877	48411	H09164	6.69	40.85	6.11	2.00	0:00	5	278.42 Brain	Parathyroid	_
10688	287468	N69091	9.T3	87.74	9.05	0.00	8.	ũ	162.94 Ear	Breast	Testis
10711	595109	AA173926	22.05	158.85	7.20	9.00	8	=	276.85 Foreskin	Prostate	00019
10716	51604	H18934	4.03	39.90	9.89	3.00	000	ē	24.9 Lymph	Macenta	
10718	950429	AA599085	19.84	100.13	5.20	8	80.	2 !	188.25 CNS		nd lestis
10721	84 1094	AA486780	2.44	25.74	10.55	8	0.00	Ţ.	56.88 Gall bladder	Flacenta	Parathyroid
10735	279308	N46354	3.78	20.36	5.37	8 9	8 8	₹ ;		יישטי שטרי וסמי	E Cole
10737	773639	AA431887	15.00	133.33	8.89	2.00	8 8	4	282.8 Head and nec cervix	SC CELAX	MUSCIE CO.
10740	51433	H20747	2.50	41.18	16.46	8	8.0	;	Prostate		
10741	51986	H23225	4.36	47.78	10.96	000	8 8	2	P 0.50		
10744	66747	WINDS	4.18	(A.D.)	25. 25 25. 25	8 8	8 5	2	229 15 Ovary	Pool	Brain
0770	1910001	H19021	8 90	48.74	5.43	80.	8 8	i	Eye	Tonsil	Testis
10781	897592	A6496878	68 44	347.86	5.08	9	000	17	307.17 Larynx	Synovial m	en Hear
10756	257096	N30792	81.64	567.57	6.95	2.00	0.00		Thyroid	Breast	Testis
10763	417976	W90660	10.83	79.73	7.25	0.0	200	22	109.9 Spleen	CNS	Неал
10764	259072	N28356	96'2	17.38	5.87	97.	8.0	2	438.17 Pool	LID not found Other	nd Oither
10766	305253	N95011	22.71	235.73	10.33	2.00	0.00	2	529.52 Nose	Musde	Kldney
10767	309081	N92895	4.10	38.47	8.83	1.00	0.00	7	57.93 Neural	Adipose	Prostate
10772	258028	N30308	4.39	117.55	26.75	1.00	0.00	m	141.87 Ear	Germ Cell	P80
10778	428652	AA004321	34.20	289.72	8.47	3.00	3.00	•	Pool	LID not found Other	od Other
10782	121028	T96309	5.96	57.72	9.68	3.00	3.00	ž.	167.66 Prostate	000	CID not tound
10798	429196	AA005356	9.82	80.93	6.33	1.00	3.00				
10799	491186	AA137073	80.5	39.49	7.76	1.00	0.00	t.	284 58 Aorta		Ulerus
10802	428697	AA004353	36.44	211.40	2°80	8	8:	•	- B00 1	LID not found Other	nd Other
10808	271471	N35025	114.02	607.20	5.33	8	0.00	6	112.49 Foreskin	LIU not tound Other	na Ciner
10814	418081	W90087	4.60	28.5	5.68	8 9	000	<b>2</b> °	123.72 Pool	Hear	CID not sound
10816	260022	N32623	7.60	40.24	5.29	8	0.00	7	592.27 P001	LID not tound Uther	nd Cine

Page 48 of 9

	Bone		Other	P8d	Lymph	Parathyroid	LID not found	:	Parathyroid	8	LID not found	Eye	:	Prostate		Paramyroid	Kidney	Colon	E 7	Slomach	Paramyroid	Prostate		15 E 15	Naney	Parking age	Dinguistra Co.	T 100	ente.	Mische	Tonei	LID not found		Ear	Breast	Spleen	Esophagus	LID not found	Skin	1	Lymph pode	Office Control	Breast	LiD not found	Testis	Other	Bone	Foreskin	Pooled		Gall bladder	Brain	Other
	Germ Cell Bone	Colon	LID not found	Uterus		Kidney			Stomach		P S	CNS		CNS		cera cer		5030	FOREKIN		Spieen	chedo		roreskin	Adrenal grand Adney	1110	3		Lympn lesus	200	Lieus y	Luna	•	Bone	Spleen	Lymph	Head and nec	Brain	Ė	1	, man	Day found Other	Hear	Testis LID not	Heart	LID not found	Brain	Nose	Adipose	LID not found	Esophagus	Eye	LID not found
	74.71 Ignore	499.89 Foreskin	<u>8</u>	Heart	383.51 Thyroid	87.37 Stomach	Heart		253.29 CNS	03.72 Lymph	-10.76 Ovany	Larynx	135.17	181.98 Parathyroid	98.73	SUMYING STATE	09.74 Foreakin	9009	Parathyroid	Lymph node	42.89 Esophagus	62.87 Inyroid	84.52	34.42 SKIII	64.97 CNS	40.00	575.72 Smooth music akin	20.92 Sittest Filesu	000	Year L	2061	9	540.8		Kidney	Blood	387.92 Larynx	525.96 Breast	238.07 Synovial mem	330.01	104.13 CN3	200.71 Project	SSR 38 Muscle	Spisen	44.93 Brain	Brain	61.44 Ignore	185.79 CNS	209.02	Brain	21.67 Larynx	418.74 Cervix	Brain
	8				6	2		,	- 5	<b></b>	G		5	<b>-</b>	ص	- '	7			;	2	- 1		- :	91	,	~ \$						2				=	-	<u>.</u>	, .	9 6	- ^		-	12	!	16	6	6		10		
9 2A	0.00	80.0	1.8	1.00	1.00	0.00	00.0	2.00	0.00	0.00	5.00	0.00	9.	0.0	3.00	8	9:	9.0	0.0	8.5	0.0	9:	8:5	9.	8 8	9.0	8 6	3.5	8 8	8 6	8 8	8 8	3.00	080	0.00	0.0	8:	0.0	8.0	3 8	3.5	3 8	8 8	8 2 2	000	8	8	8	0.0	3.80	1.00	2.00	9.00
Table 2A	3.00	9.	0.00	00.0	800	8	9.00	8	8	8	2.00	1.8	8	5.00	2.00	0.00	000	8	2.00	6.9	9.00	8	00.0	0.00	9.6	2.00	00.5	2.00	8.5	3 5	9.6	8 6	4.00	5.00	4.00	9.7	9.00	1.8	0.5	0.00	8 8	3 8	3 5	80	200	2.00	8	9.	1.00	1.8	0.00	1.00	1.00
	16.26	6.83	5.38	5.70	9.88	6.48	7.11	6.05	7.12	89.86	12.56	16.58	6.06	9.88	7.83	5.88	5	89'8	7.83	6.5	7.38	9.8	6.58	7.97	5.03	8	<b>K</b> .	3		9 6	5 6	7 7	13.78	13.97	7.72	10.36	19.27	5.14	5.20	9.7	0.6	12.70	05.5	5.58	8 02	6.19	5,19	5.05	5.17	8.00	5.73	7.16	9.57
	27.85	27.89	56.46	637.65	34.18	<b>26</b>	1010.78	63.17	49.81	317.54	399.27	46.17	85.38	2560.65	96.29	31.80	58.65	37.41	132.85	545.98	39.13	40.08	280.02	224.85	18.70	27.58	1/2.64	2	12.50 10.50	77.47	67.185	184.91	258.87	458.69	148.84	45.81	97.13	10.64	105.91	462.04	1157.94	03.70	19.48 19.48	67.66	28.48	16.26	94.80	37.68	167.02	25.75	589.29	1271.87	98.41
	1.72	4.10	10.50	111,69	3.43	8.82	14207	10.44	7.00	3.53	31.79	2.79	15.74	257.16	12.30	5.32	<del>9</del> .	4.3	6.98	83.84	5.30	<b>4</b> .08	42.56	28.20	3.72	55.5	23 68	20	8 2	7. 3	46.17	5. 5. 5. 68. 58.	8 8 8	32.83	19.8	4.52	5.04	2.07	S 32	B .	237.08 F	12.37	9.7	5.5	3.55	2.63	12.48	7.45	32.28	3.22	104.55	177.53	10.28
	AA459389	N67832	T88816	AA148524	N30069	R86242	W72692	H82865	R32334	R91570	H82974	N51357	H93050	NS2564	AA011383	N92924	N36174	AA448270	N92502	N57577	AA476285	H61758	W04713	N25240	AA454218	N52096	AA457153	W80/05	N93436	W/5169	AAASBZBB	20425	W85518	AA669750	H12336	AA047478	AA055486	H24350	H15718	K38349	20002	178181	739554 4 4 4 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	T58018	R42433	R44754	H29521	N47443	AA434139	172533	H54417	R42813	172535
	102018	291690	109852	491367	258666	194515	345838	241896	134942	196543	242001	283190	241946	244786	429505	307687	272690	782838	304886	279999	770681	236155	320455	267458	795522	287528	810496	418004	307249	346689	610911	307304	416744	884283	146469	487888	377275	52071	49318	23579	293864	306841	23687	74618	57105	34041	52741	280697	770588	21920	203003	32229	21822
	10819	10820	10828	10828	10840	108/12	10848	10852	10855	10856	10860	10867	10868	10875	10876	10889	10890	10896	10897	10899	10903	10804	10905	10908	1091	10815	10917	10918	10929	382	10835	10837	10840	10850	10821	10953	10954	10960	10963	10968	10874	2,801	4580	660	1000	11008	11011	11017	11018	11024	1030	11031	11032

ige 49 of 91

	SNS	Prostate	Zher	Ovary	She.		č	Placenta	Other	Lymph Lymph	LID not found		Ovary	Umbilical cord	LID not found	Koney	Prostate	Gall bladder	Germ Cel	Parathyroid	Stomach		Whole embryo	Germ Ce		Other	Cvery	One of the contract of the con	CID not found	CIED not found	Pancreas	Lympii 110 not found	Foreskin	Other	Placents	Aorta	Bone	Other	Other	CNS	i Gae	Brain		restis		e de C	The set found		n Eye	Olher		Overy	
	Foreskin (	CNS	LID not found Other	Prostate (	LID not found Other		being for City	2	port	Pooled	P00		nd Eye	Muscie	<b>P</b>	Germ Cell	Aorta	Diory	Parathyroid		Cevi	,	Tonsi	Cung		5	Germ Cell	LID not round Other	Brain	8 2	000	Pudia	Lymon Lymon	LID not found Other	Breast	Eye	Whole embryoSpleen	LID not found Other	LID not found Other	nem Foreskin	LID not found Other	Kidney	LIO not found	Placenta	, in the second	TO most formed Other			Synovial men	LID not found Other	5	Placenta	
	118.94 Ear	242.83 Overv	37.32 Brain	Breast	<b>P</b> 08	;	118.71	75.1 Smooth muse Thymus	151.38 Brain	53.59 Adrenal pland	373.9 Head	52.28	Adrenal gland Eye	Lymph	214.06 Brain	338.35 Colon	416.03 Kidney	309.19	Ceri	Gell Madder	38.6		455.53 Breast	711.39 Breast	644.94	A G Brain	S C C C	28.05 Brain	<b>9</b>	Grain Grain	45.2 ignore	740.00 00.00	508.5 Proced	Pool	295.61 Lymph	Blood	Whole em	287.91 Brain	Çye	101.74 Synovial r	157.58 Brain		272.22 Pool	Foreskin	10000	403.91 Car	975 7 Bool	270.12	339.79 Bone	<u>8</u>	2 9	442.17 CNS	1
	12	Ξ	6			,	Đ	ā	2 =	۲ ،	2	-			19	-	<b>o</b>	Φ			ន	;	5	-	4	so.	•	n		;	7 ;	<u>.</u>	- 5	?	1			12	,	5	5	7	12		•	o r	- 4	n (	17			7	
9 2A	1.00	00.0	3.00	0.00	4.00	0.00	0.00	96.	3 5	8 5	3.00	0.00	0.00	1.80	1.00	0.00	0.00	0.0	0.00	2.00	.00	60.4	2.00	0.00	5.00	0.00	2.00	00.0	0.00	8.0	0.0	9.6	8 5	8 8	8	0.00	81	00:0	9.	8	8	8	8	500	8.0	3 8	3.6	00.00	0.0	8 6	0.00	8 6	,
Table 2A	9	8	000	2.00	2.00	8	3.90	8.5	3 5	3 5	2.00	2.00	1.00	2.00	0.00	0.0	2.00	9.0	2.00	2.00	0.0 0.0	8.8	0.00	8	8	9	0.0	2.00	9.0	8	3.00	2.00	3 5	8 8	8	8.	800	2.00	3.0 8.0	8.8	3.8	8.	3.0	22.00	9.0	3 8	8 8	3	9:	8	8	8 8	>
	16.43	4.	9.75	5.57	27.75	9.13	8.6	9.59	3.32	10.64 R R 7	8.51	15.41	5.27	6.62	5.83	7.59	10.57	6.37	11.43	12.23	5.82	8.21	6.63	6.07	6.83	5.64	6.18	9::8	т. Ж	8	14.37	4 6	2. 8. 8. 8.	8 62	90.0	6.76	5.20	7.78	14.70	16.21	7.60	9.86	7.78	26.12	7.55	 	6	6.13	6.62	<b>3</b>	8.64	7.09	;
	282.19	28 50	62.33	41.20	432.24	49.64	464.36	110.09	211.46	34.87	363.47	1385.32	417.11	184.37	120.73	45.82	34.80	3656.31	157.20	216.14	628.67	208.06	322.62	69.53	2058.98	38.79	202.83	31.21	35.72	33.98	72.42	843.57	40,01	285.62	163.84	69.90	73.75	7.66	143.60	820.56	5.31	335.05	263.80	1136.23	91.10	25.73	116.38	94.88	83.88	199.18	1345.02	737.57	
	17.14		9.40	7.40	38.27	4.81	66.35	11.47	57.73	30.4	42.73	89.80	79.16	29.35	20.69	8	3.28	574.04	13.75	17.67	108.04	25.11	48.24	11.46	301.58	6.88	32.84	3.07	6. 12	5.13	3	103.5B	7.55		27.02	12.16	14.17	0.98	9.77	60.61	0.70	33.89	2.0	9.00	12.07	86.7 1	20.23	10.58	12.69	21.32	155.59	5.72	20.1.4.
	T60081	AA400801	R43867	R54193	R00048	AA401397	AA457543	H28985	N/0520	K3/013	W57872	AA419143	AA457485	AA191019	HD9790	AA134965	R43319	AA669574	AA195463	H16793	AA186327	R38944	H16795	R54822	AA629987	H16832	AA599140	R56130	R17747	H17308	N90281	N24024	K39926	R20755	AA053411	AA113291	AA417307	R37410	AA169372	AA164819	R56898	T49355	R92011	N33063	R08164	N32295	W88497	K92446	N92415	W80635	N48057	N53034	5000
	81318	741050	33496	41822	123085	743113	838732	49922	289028	82002	340994	755581	638287	627040	46667	588057	32663	856961	627226	50562	626631	25061	50565	<b>40364</b>	884500	50786	950497	41186	25396	50421	302632	268795	25355	28.186	510060	526945	731121	25983	509743	595078	41214	67440	195274	270385	127230	272708	417730	196325	308238	415535	281681	281045	7,00,7
	11038	2	200	2	1043	1048	1047	11053	8	8	3 6	11074	11075	11078	11079	11080	11081	11082	11083	11085	11086	11092	11093	11097	11098	11101	11103	11105	11108	11109	11114	= 12	911		1120	11122	11123	11124	11126	11127	11128	11133	11139	11150	=	11163	1170	11171	11174	11155	= 8	1191	3

Page 50 of 91

						Table 2A	⋖				
100	ASBROR	A4005254	227	32.74	14 39	2.00	0.00	5	165.7 Brain	Ulerus .	Tonsil
1207	210554	H85834	3.17	24.37	7.70	1.00	0.00		Pool		Other
1208	278758	N62946	4.15	53.38	12.85	2.00	000	7	123.62 CNS	LID not found (	Other
1210	307740	N92947	61,18	887.19	14.50	6.00	5.00	~	508.52 Tonsil	Lung	Pool
1218	418400	W92798	19.70	100.34	5.09	1.00	0.00	•	367.03 Pool	LID not found	ğ
1220	502674	AA135686	8.31	87.83	10,11	1.00	1.00		SNS	Muscle	Jancreas
1222	131599	R23727	2.43	20.48	8.43	3.80	0.00				4
1237	782575	AA447522	3.08	145.25	47.20	8.	2.00	<b>.</b>	548.99 Cervix	Pancreas	105115
1242	204740	H57308	23.86	220.26	9.23	3.00	0.00	uro	Thyroid	ionsii	-oraskin
1246	811033	AA485432	1041	68.40	6.57	000	1.00		Cvary	Brain	185116
1254	795185	AA453474	18.18	290.55	15.98	200	0.00	- ;	Adrenal grand	Poored	aramyroid
1256	755751	AA496630	4.20	70.39	16.78	8.9	0.00	٠. ا	236.08 Lung		arainyroid
1258	811604	AA454610	284.67	1560.18	5.89	8 9	0.00	≥ '	SUS.6 Appose		ricalate Testis
1262	284160	N53512	4.39	24.23	2.52	8	0.00	,	50.76 CINS		9010
1285	795207	AA453588	3.83	31.10	5.01	2.00	0.00		D 7	Maney	Hear
1207	143450	R74478	9.62	89.02	2.07	8.5	0.00			5115.0	Tooler of
1269	490060	AA136060	9.87	47.47	6.87	8 8	0.00	ç	Germ Cell	Cyally C	Blood
11283	488584	AAOAAB14	74.78	00.70	1.0	90.6	9.6			i	
/97	415134	776C9M	0,4	200.10	3 6	9 6	3 6			Profed	Kidney
1289	382564	AA069372	41.81	524.80	12.55	9 9	9.60		, د	Germ Cell	Breat
11289	385707	AA025454	7,7	0.611	3 6	3 5	900	ā	252 49 Liver	Pool	Heart
11290	808828	AA455526	÷ (	909.0V	A 7 1	9 6	86	• "	472.48	}	
11295	292738	N69393	11.57	85.13	8	0.00	200	· :	47.40 20.42 Germ Coll	Danger	Hoor
1298	348886	W74602	17.31	111.75	5.45	3 3	8 8	2	Toolie	Tool T	Dark freid
11297	795279	AA454022	6.51	42.56	200	7.00	8:6	•	sys 22 Salson	Testis	
11298	785171	AA453470	3.97	3274	9.79	200	20.0	٠,	010.12 Opideis	cited	
1361	415630	W84790	20.12	77.00.7	0.0 E 3.	8 8	3.8	• >	251 K2 Dool	110 and formed Other	S. S
11303	244012	N36787	94.75	588.61	5.7	9.0	8.5	c u	745.44 Proi	I ID not found Other	Ogher Ogher
1308	201172	H9848/	71.61	68.43	50.0	00.5	8 8	. a	31 44 Thymid	Small intesting	Skin
11317	324205	W4/1/B	88.07	50.00	20.0	200	8.8	•	Ē	Blood	į .
11320	471859	AA035144	1.47	07.71	9.5	9.6	8 8	•	on of Booled	Solen	Hense
11321	490328	AA127741	3 52	45.33	12.88	8.5	3 8	P Ç		Placenta	Tonsil
11324	147075	R80235	20.02	100.00	, co	99	3 8	- 67		Pool CID TO	LID not found
/2611	20103	Rubose 00018487	2 5	44.89	58.01	86	000	. 8		Pooled	Eyo
11330	746390	WASAS	10.38	103.64	5.35	000	90		Peripheral ne	rLymph	Tonsil
277	40504	D55367	2.1A	20.70	25	2.00	000	21	18.92 Brain	LID not found	Other
11347	52865	H29620	69.85	912.86	13.07	4.00	4.00	•	201.24 Pooled	Foreskin	Brain
11348	52647	H29771	56.91	407.74	6.92	5.00	2.00	-	591.57 •	Brein	LID not found
11349	32299	R42685	14.81	99.97	6.84	00.0	1.00	13	81.46 Nose	Stomach	Blood
11350	377461	AA055835	131.51	1261.57	9.59	0.00	9.0	~ ·	546.17	i	
11351	50559	H18790	89.60	753.04	7.58	8.6	3.00	- 6	755.21 Brain	Piacenta Orafa	בנס נוסר ומתוח
11352	47074	H10417	10.95	55.53	5.07	00.0	3.5	n (	45.40 MUSCI	H 000	I D and formed
11360	51775	H23213	2.21	18.69	7.55	9.6	8.8	~	35.63 P00/80	Discente	בות טמו וכתנום
11361	141852	R70505	5.30	28.20	5.32	0.00	90.	,	BOSON CO COC	riaceina Fine	
11362	288563	N62394	3.12	47.72	15.31	95.5	000	< "	230.30 CN3	Thursia	Sieda Sieda
11363	50114	H16743	9.93	105.65	10.74	8.8	9.00	n	Adinos	Total	Brais .
36	29636	March	2.7	320.03	6 8	3 8	55.0	:	mount cour	Coll Modder	Kidnes
11366	£15355	AA644088	16.96	115.78	200	8 6	0.0	= <	309.33 Lymph 813.42 Perethyroid	Anda Anda	Head
11373	344432	W73474	33.81	/9//67	8 5	3 8	900	, ,	670 CO Grain	I D not found Other	1
11376	33022	R44607	63.82	746.53	27.72	8.8	0.6	• ;	455 48		
11377	156437	K73570	3.60	770.80	20.14	3 8	8 6	2 >	272 18   pruny	Casalon	Skin
11389	811064	AA485442	27.0	9.69	0.70	3 8	8.6	¢	Landra Director	Stomach	Henry
1390	854138 50843	AA669272 H17551	39.45	319.48	10.63 8.10	0.00	0.00	92	113.09 Synovial mem Skin	n Skin	CNS
1331	7	20.00	7	2	2	<u> </u>		:		i	

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.IO not found	<b>a</b>	<b>.</b>	į,	<b>5</b>	Sem Cell	Thymus in	בוות שטע בוות	<u>~</u>	Pancreas	(S)		רום יסל לטרום	-	××.	⊆ -	<b>5</b> 7	<del>-</del>		CID not round	500	Germ Cel	Мапом		Whole embryo	Whole embryo	100	والما	roreskin Acele ambero	Which willing		· 75	Pancreas	neii		P	I D not found	Other	Skin	Colon	Pyroid	CNS	Pod	is:	Smooth muscle			Heart	stis		nail intestune	Tonsi
		arathyroid Testis	ID not found Other	formd	CNS		_		Lymph Pan		CNS	_			uald uoloo	Whole smbryol-bol	Aorta Po		<u> </u>			Lymph node Ma		CNS	•	200	Lymph Eye		Brain Ov			c			LID not found Other	Tochin	UD not found Of	Splean	Kidney	Neural Th	Skin	Piscenta	Umbilical cord Tonsil	Larynx		Brain				Head and nec	65
		Brain	_	Brain L		apou -	Stain		Adipose	Ear		Brain 8		January Cord	Storing	109.02 Spleen	פנפום		- Foreskin	56.45 Pooled	649.11 Blood	47.55 Cervix		Brain	Pooled		Pooled	8	Consist of the constant of the		421.53 Tonsil	Š	625.71 Blood		Foreskin	<u>:</u>		×			Peripheral ner	249.3 Tonsit	Neural	553.07 Bone marrow		Eye	554.63 Skin	Foreskin		545.58 Lymph node	536.82 Calon
40	18	ž.	-		12		•	1	ž		so				<b>.</b>	- ·	**		,	2	-	12	-	8	4		,	~	c	. 4	r un	•	-	4		?	ā æ	×	:	21	=	9		-			-		,	_	-
8.8	900	0.00	0.00	3.00	5.00	0.00	2.00	0.00	<b>4</b> .00	1.00	0.00	8.8	8.0	8 8	8	0.00	80.0	000	0.00	0.00	1.00	1.00	00.00	00'0	0.00	6	1.00	0.00	8 6	3 5	8 8	8	5.00	0.0	8.6	3 8	8 8	9	8	00.0	80	0.0	8.0	8.0	80	000	0.00	8.	0.0	0.00	0.0
2.00	8.	2.00	2.00	8.	8.8	10.00	8	9.	0.0	1.00	8.	<b>9</b> .00	8	0.00	0.00	00.4	8 6	0.0	3.00	2.00	0.00	1.00	2.00	3.00	8:	9	8:0	8.6	8.6	8 6	8 8	9.1	00.0	1.00	8.5	3 5	8 8	800	3.00	5.00	2.00	3.00	5.00	3.00	8	2.00	2.00	0.00	8.9	3.00	5.00
13.11	7.15	9.56	8.73	11.91	8.02	17.04	8.59	5.07	7.23	7.86	9.29	9.34	6.23	8.42	6.55	<b>3</b> .50	6.69	5.16	6.64	15.23	8.71	6.85	5.61	16.69	8.87	5.38	8 12	15.36	20 E	9 9	10.59	6.78	7.18	5.34	S	7.28	2 ÷	5.5	66.5	9.36	7.23	5.49	5.33	50.13	9.12	6.10	19.33	6.77	10.49	11.97	6.67
923.03	2.2	18.65	26.16	578.34	200.07	544.63	384.78	15.05	1029.76	58.03	13.89	357.57	544.51	337.37	45.33	124.52	19.63	91.09	188.40	121.91	121.44	1432.51	76.05	28.75	17.37	23.38	257.63	261.44	8141	9 6	56.71 FB 71	117.63	51.57	183.25	22.73	42.00	102.3/	107.08	192.03	4910.39	24.85	34.38	32.34	466.41	4930.44	308.50	126.13	46.50	30.80	251.75	135.65
70.43	9.96	2.84	3.00	48.55	24.65	31.86	44.82	2.97	142.34	7.38	1.49	36.29	29.97	40.06	6.92	6.72	8	3.	28.38	<b>8</b>	18.11	209.08	13.55	1.72	2.00	40.4	31.72	17.02	8.73	2 6	9. S	10.5	7.18	34 31	4.26	5.77	15.68	18 53	80.00	524.79	3.44	6.26	6.05	9.30	541.51	20.50	6.52	6.87	2.84	2.0	20.48
R44707	AA679278	H11012	H17051	R52641	H09774	AA630800	H09086	T40840	AA160498	R38865	H17139	H29211	AA187938	AA486418	AA464935	AA428239	H24323	AA487462	T54474	AA457235	AA421273	AA488332	148767	R15784	AA404273	R43286	AA130596	AA486092	AA608560	K20650	NO2737	AA457723	R02173	AA007522	N71792	W66185	N26663	NETRTR	A B 4 5 5 2 8 8	N69044	W92041	N30316	A6464744	AA086471	N58864	AA464952	AA055242	H98255	N54395	AA444051	N77828
33693	432072	47054	50030	39800	46365	856447	46376	60738	592491	24938	51083	48941	626016	842898	838888	173573	52057	841624	70384	838668	731044	842973	70027	53091	758319	32530	587992	840783	950867	50292	300000	810737	124742	429353	290748	415904	269288	301001	910050	298097	416321	258033	810621	562729	293438	810082	377441	261274	245137	756595	10000
11392	11393	11395	11398	11403	11408	11418	11432	11433	11434	11437	11441	11444	11448	11447	11448	11452	11460	1473	11477	11480	11482	11487	11489	11492	11496	11498	11502	11509	11510	11516	/2611	11539	11542	11554	11580	11386	11588	200	11811	11519	11620	11622	11623	11624	1630	1631	11632	11636	11639	1640	67977

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	Germ Cell Uterus .		Germ Cell	Lymph	Pooled Brain Pancreas		106.17 Skin Brain Foreskin	ć		Pool LID not found Other	Synovial mem Head and nec Spieen		508.63 Larynx Adiposa Stomach		Stomach Brain	Umbilcol cord Skin	Muscle Ear	Ionsi Brain		ō	Same	gnore Synovial mem	Spleen	Head and nec	tum Peripheral ner	Brain Eye	Kidney	Brain	352.69 Ear Whole embryouterus	445.04 Brain LID not found Outer		Bran Eye LID not tourd		TO not found		-	Brain		Hearl Pool	Aorta Eye	Neural Noso	355.54 Smooth musc Brain April		Pooled vyingle British	373,32 Marrow Poreskin Ovary		Tand Out Office	Carvix Testis	Cincol City	Tardin Dood CID oof found	Parathyroid	Pool Colon	3rain LID not found (
		<b></b>					- 4	<b>D</b>				,	7	<b>~</b>	o	7	~	<u></u>	<b>1</b> 2				Ξ		2		ឧ	က	2 9	2 8	R			u	,	-		S		12	ē.	N (	ص	;	Ξ	•	2 \$	2			22	ď	•
Table 2A	2.00	0.0	0.00	0.00	0.00	0.00	0.00	9.5	000	0.00	0.00	0.00	1.00	0.00	00.0	0.00	0.00																																				886
<u> </u>	0.00	9.	1,0	1.00	2.00	1.0	2.00	0.0	-00	3.00	9.	8	0.0	5.0	9.0	9.	8.	8	0.0	8.8	5.0	8	8.	8	8	13.00	6.9	9.	5.00	8 3	8.3	0.0	3 8	3 5	2 6	8 5	8 6	8.00	0.0	5.8	0.00	8	8 8	8	0.00	3.5	3.6	3 8	3 6	900	9 6	3 5	5.00
	15.53	5.77	96.9	10.52	6.01	7.93	6.56	7.12	8.3	9.85	5.22	16.14	5.04	5.34	5.72	5.12	8.72	5.79	10.17	8. 20.	11.47	5.05	5.38 86.39	10.75	8, 15	65.33	5.53	6 8	6.75	9	6.53	5.24	8 8	8 8	6 6	9	5.43	13.12	9.16	24.65	6.55	5.07	60.0	9.54	6.48	90.7	g 6	10,84	5.32	18 60	13.8%	25.6	5.42
	79.80	466.50	25.52	58.36	42.90	44.52	32.12	302.25	92.30	115.02	63,41	548.03	138.32	170.13	23.57	1212.10	34.50	123.48	303.93	825.31	258.14	54.72	64.82	28.30	78.19	498.55	57.12	37.16	29.41	11.58	639.36	11.67	40.87	14.40	13.40	3.55	34.34	599.97	279.50	100.79	961.14	58.22	38.52	70.82	726.17	11.63	16.91	31.19	54.65	480.86	517.87	4 dac	633.05
	5.74	80.88	2.85	5.55	7.13	5.63	3.75	47.4	Ξ.	11.68	12.15	33.95	27.06	31.87	4.12	236.75	5.14	21.34	29.83	93.34	22.61	10.84	15.77	2.73	9.60	7.60	10.34	5.40	36	-S	97.97	2.23	- 6	2.38	22.5	5 6	6.33	45.73	30.51	2.91	148.68	11.49	5.65	8.30	<b>3</b> 5.5	- 24	3:5	2.88	10.28	25.86	£ 2.	5 5	116.78
	AA047190	N27829	W52190	AA443121	AA481745	AA041254	N66139	N51499	W90748	AA002091	N75473	AA427715	W86282	N47717	W49494	AAB44234	AA176957	T72562	AA458838	R15794	W56771	AA677083	R97710	AA629666	T40541	H50114	H18950	R36878	AA131238	H09616	AA683520	H24020	AA419088	80/01H	H10228	200000	106/90 139804	H20826	AA053962	R55809	AA487895	R41972	A56045	R20870	AA101155	H11895	AA158244	H23524	AA190834	AA505003	A440013	40.000	HZ3Z30
	489047	270038	325383	609479	610772	376306	278504	262108	418297	428124	299162	170997	415851	281039	324927	843519	611586	22144	814353	\$3103	340857	454190	200263	884436	60565	179163	51408	25153	503579	46183	378813	51585	755517	47262	46921	20000	78087	51548	364839	40808	640575	32050	40771	26520	563592	47451	292802	51799	627105	839764	14234	76114	51982
	11649	11852	11657	11669	11678	11879	11682	11684	11685	11688	11695	11697	<u>=</u>	11711	11713	11723	11726	11728	11731	11735	11757	11761	11763	11773	11774	11778	11782	11784	11789	11792	11785	11800	11801	11808	11809	2 !	11017	11823	11822	11825	11827	11828	11833	11836	11840	<u>-</u>	11842	ž :	<u>\$</u>	1881	11634	3	11860

Page 53 of 91

Table 2A

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3rain	LID not found	ther	ther	LID not found	Ę,	8	2	Cyary	LID not found	ther		ther	ther.	ther	LID not found	Jer	er Er	Lymph	e e		.ID not found	Borre	Brain	ID not found	Brain		Other	Ovany	80	.ID not found	Uterus	Gall bladde		ğ Ö	5	Whole embryo	og e	יים אמ ומתום	Aorte	Aorta	ğ ğ			Prostate	Eeg Cer	Lio na found	Adrenal gland	Lymph	Uterus		LID not found	Blood	Sern Cell	Other
	Brain	LID not found Other	found to		E Gung	Colon	whole embryocye	2000	Prostate L	LID not found Other		LID not tound C	LID not found C	LID not found Other	Brain	LID not found (	LID not found (	Bone			_		_	 			pys	-	Testis			Adipose		LID not found Other	5	Hearl	LID not found Other		Germ Cell	500	LID not found Other				g	Testis	Placenta		Ovary		Parathyroid	Pooled	Testis	LID not found Other
Germ Cell	548,42 Testis	36.33 Brain	Testis	Prostate	259.29 CN3	334.46 Kidney	Pools	339.91 Breast	Brain	98.93 Brain		Irain	Ē	igi.	teart	yroid	3rah	ladder	14.16 CNS		Uterus	245.06 Thyroid	345.86 CNS	Neural	gnore		563.64 CNS	118.65 Heart	68.54 Heart	212.5 Aorta	589.17 Testis	271.02 Thyrold		619.28 CNS	P8	CNS	Pool	CNS		681.29 Parethyroid	245.64 Pool	i	Placenta	130.55 Small intestineAdipose	307.8 Pooled	Ovary	750.98 Skin	416.13 Head and nec	Kidney		Uterus	Live	155.85 CNS	663,76 Uterus
	•	=			=	-	,	50		×			<b>1</b> 8	19		9	12	5	-			×	12				æ	80	22	က	-	19		-						m	÷			×	11		-	92					a	8
0.00	8.0	0.0	8.0	0.0	3.00	5.00	2.00	00:0	0.00	00.00	1.00	0.00	0.00	3.00	2.00	3.00	0.00	5.00	6.1	0.0	0.0	000	0.00	1.00	0.0	90.0	0:00	000	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	3.00	8	0.00	0.00	0.00	00	0.00	0.00	1.00	0.00	0.00	8.0	0.0	0.0	0.00	0.00	00.0	0.00
1.00	9.	2.00	1.00	1.00	0.00	0.00	5.00	8	1.00	1.00	0.00	3.00	9.	8.8	3.00	2.00	3.00	800	800	87	8	97	3.00	1.00	2.00	3.00	1.00	1.00	6.00	2.00	1.00	3.00	9.	2.00	1.00	9.	8	8	8	8	8.	<b>4</b> .0	9:00	5.00	2.00	2.00	1.00	90.1	1.00	3.00	1.00	3.00	2 00	1.00
5.21	5.22	14.09	39	8.41	9.03	ž	27.28	7.05	6.20	6.97	19.80	9. 2	26.33	10.74	8.51	8.30	10.23	6.27	5.31	5.55	5.30	5.11	8	5.58	27.03	12.72	5.72	16.22	10.33	8.45	7.69	10.04	5.43	5.16	8.74	5.42	8.36	6.21	7.81	2.00	9.86	23.45	10.59	8	31.33	7.20	13,39	7.15	6.27	5.81	9.15	8.56	8.28	6.45
22.08	72.82	30.08	34.13	51.27	939.13	114.04	1301.83	238.88	22.10	6.63	412.58	60.98	130.46	57.7771	18.54	150.26	16.05	563.55	37.69	694.85	38.56	32.27	29.88	222.46	64.08	1031.07	215.01	91.03	58.03	33.51	24.18	1859.95	36.41	26.90	18.52	19.61	114.41	1668.08	52.38	100.27	167.52	99.38	119.15	92.67	259.74	755.78	123.28	804.80	26.09	266.65	18.40	191.34	72 82	62:33
4.23	13.95	2 13	6.05	60.09	84.95	3.31	178.57	33.90	3.57	0.95	20.84	6.82	4.96	165.49	2.18	18.18	1.57	89.92	7.16	125.14	7.16	6.32	3.74	39.78	2.37	81.05	37.62	5.51	5.43	3.97	3.14	185.27	6.70	521	2.75	3.61	13.69	258.60	17.9	14.33	24.43	4.24	11.25	15.33	8.28	104.92	9.21	125.52	4.16	45.86	2.01	22.35	11.59	10.22
H29198	H29265	H29538	AA496139	H29285	N40554	H10045	R44477	AA488341	R38179	R58953	AA778875	R43822	N25740	H17024	H10343	W37808	R44265	149557	AA005329	H67707	N63828	AA150417	N64464	H66708	N64532	R12386	N51291	W56597	AA025930	N50845	AA461529	WB7228	H68938	N66607	R93401	W95480	AA001604	N50058	AA001841	N57551	H82872	AA701914	R89317	AA011096	H53703	AA458498	AA152183	W04674	AA459658	AA699361	AA099386	H95362	OBCEAN	AA147641
49728	49839	52562	757197	49752	276805	46827	33122	842984	23869	41228	1048033	33150	266347	50782	51242	321994	34388	67670	428585	210803	292697	491405	290280	211870	290429	128167	283058	340884	365642	280954	795851	343401	212101	278859	197067	357819	427789	282663	427996	278966	198866	435551	195835	359661	236059	609634	504461	605025	795531	432564	489640	234480	20000	505575
11861	11869	11873	11875	11877	11878	11881	1884	11887	11888	11889	11890	11892	11895	11896	11897	11899	11900	11901	11906	11911	11928	11930	11931	11935	11944	11948	11948	11950	11962	11983	11986	11968	11975	11976	11979	11980	11994	11996	11998	12003	2007	12008	12011	12012	12018	12018	12019	12022	12028	12032	12033	12035	12040	12045

Page 54 of 91

2048	124447	R01094	17.48	123.68	7.07	<b>Table 2A</b>	2 <b>4</b> 888 888	~	680.68 Ovary Uterus	_	Spleen Colon LID not found Other	Colon Other
6	491311	AA150198	2.52	15.90	2.8	9.6	8.8	•	483.25	9	200	2
500	324323	AA 128008	B7 99	657 11	, e	90.6	800	, <u>6</u>	27.41 Uterus	ferus	LID not found Other	Other
2054	428165	AA005108	10.29	55,37	5.38	8	000	Ξ	292.28 Neural	eural	Pool	LID not found
2058	854698	AA630094	38.84	391.88	10.54	6.00	00.0	<b>*</b> 0	584.08 Li	arynx	Esophagus	Тупия
6902	204536	H58250	98.06	613.60	9.29	8.	8	en ·	358.9			
2080	291890	N87487	67.91	404.61	86 (0)	8 9	8 6	- ;	62.09 SKIN		Bone	51000 110 act for act
2061	502618	AA136052	2.88	33.04	- F	8.5	B 6	5 8	747.07	1	Total	Adiove
2063	502333	AA156793	24.08 2.08	158.77	9 6	8.8	8 8	3	1 60.702	Testis	Brain	I D not found
2088	795687	AA459937	96.40	36.48	55.5	8 8	8 8	-	15.89	Mische		Brain
9 5	202634	AA12/01/	32.50	20.50	6 02	3 8	90.0	. ō	460.31 B	Breast	Small intestineOvary	Ovary
202	501890	AA125017	2.81	23.89	45.6	8	9.0	•	-	Uterus	Testis	UD not found
2077	770789	AA427621	5.18	37.49	7.24	8	0.00	5	298.79 B	Bone	_	Ovary
2085	301687	N92478	12.26	68.39	5.58	8	0.00	5	147.26 G	Gall blodder		Ovary
2086	771080	AA427522	5.60	50.48	10.6	8.	0.00		0	Ovary		LID not found
12087	202194	H52379	3.17	23.48	7,41	1.00	00.0	-	568.94 P	P80	Bone	LID not found
12088	856135	AA630604	20.0	6.24	9.68	2.00	0.00	ð	200.17 S	200.17 Small intestineSkin	Skin	CNS
12089	491244	AA152299	2.47	15.89	6.47	2.00	0.00		_	Jienza	LID not found Other	Other
12092	590284	AA155913	130.40	677.23	5.19	1.00	0.00	5	68.19 U	mbilical cord	68,19 Umbilical cord Adipose Aorta	Aorta
12093	503749	AA131469	4.93	45.82	9.30	8.	0.00	9	328,81 Uterus	terus	LID not found	Other
12094	144825	R78521	536.48	8999.87	16.78	8.8	0.00	<b>6</b>	271.02			
12103	61044	140725	41.18	403.09	9.79	9.00	1.00			Splean	Гушрр	<u>8</u>
2104	46931	H10030	3.69	19.99	5.41	000	1.00	7	247.37 B	Brain	Testis	Prostate
12108	51511	H18958	3.06	17.62	5.77	5.00	0.00	2	175.38 F	Hear	Brain	Breast
12113	45578	H07920	3.50	224.15	63.98	5.00	P. 0		<u>.</u>	Pooled	Muscle	Lymph
12119	91462	T40927	2.31	14.80	6.41	8	0.00		، د. :	Liver	LID not found Other	Other
12120	50983	H18017	1.08	6.60	6.10	9	0.00	-	173,21 B	Brain	LID not found	Cuner
12122	433253	AA699427	10.02	73.88	7.38	8	0.00	ţ		}		7
12123	46716	H10012	4.28	28.77	6.98	8	6.6	≥ 8	2,57	234.21 Blood Whole	Whole emphysions:	Dionsii
12128	141815	R70685	25.04	189.33	7.58	2.00	0.00	2 3	2.25	IBBO BNO NBC	51000	Date
12130	279790	N48355	45.38	280.10	6.17	8.5	0.00	Κ,	337.33 CNS	2	Themsel	Chemish
12131	82409	11891	82.22	506.27	5.48	9.5	0.00		ate a Carynx	arynx	Inymus	Significan
12134	724888	AA291484	3.73	119.61	31.92	8.6	9.6	- 9	Sa 4 Bosin	yalıy Jegin	Lya not found	186
12138	34321	H44848	3 8	1.01	2.50	3 5	8 6	2 £	154 77 Ionora		Placenta Escoh	Esophacus
86121	50730	MA13467.	2 Y	118.74	15.29	8 6	800	<b>!</b>		Parathyoid	CNS	Brain
60.00	2000	037464	2 6	13.7	04.04	00.4	5	æ	257.9	Small intestineBrain	Brain	LID real found
12143	77911	T61269	£	188.77	16.56	0.0	8	•	447.53 Liver	Ner	Foreskin	Pooled
12145	855745	AA663981	29.67	3034.57	102.27	9.00	0.0	ī	278.45			
12148	45381	H08194	4.44	47.46	10.68	1.00	0.00	7	30.48	Brain	Неал	50
12150	854401	AA668959	15.45	18.78	5.68	8.	8.	2	313.32	- B	oun i	LID not found
12151	78846	T61792	49.64	590.37	11.89	9.	0.00	~	492.68	Small intestine Thymus	eThymus	Synovial membrane
12152	3442	R44985	17,53	125.84	71.17	8	0.0	0	143.12 CNS	2	vanoie emoryobrain	obrain
12153	77539	158775	41.58	351.19	6.45	3.00	8.8	9	1 11	Liver Libral and Skip	LID not round Other	Stomoch
12154	855755	AA663986	227.17	1789.14	7.38	8 9	8.8	<b>P</b> '	255.13 Ombile		Don't found	Sione
12160	48328	H10641	25.3	5 6	2.5	8 6	3 8	<u>-</u>	678 A1	EZE 61 Discenta	Anda	Gall bladder
12182	868380	AA634108	33.50	P3.24	1.6	3 5	8 8	- a	140.54 Pooled	Pooled	Liver	Foreskin
2012	90340	100440	20.00	770.47	44.0	8 8	3 5		258 93 Brain	ile S	fund for Cl.	
90171	36351	K42922 N03505	2.0	450.20	2 6	} <del>{</del>	3 8	- ×	115.67	115.67 Adrenal aland Ear	Ear	Eye
12149	745018	AA628028	8.25	43.41	95.95	8 2	8 8	: =	248.09 Tonsil	Tonsil	Gall bladder	Pancreas
12170	207680	N92901	21.63	766.95	35.45	9.	8		•	Adipose	Pooled	Hear
12171	47428	H11088	12.11	90.48	7.47	0.0	8	12	349.48	349.48 Stornach	Splaen	Placenta
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	Lung	Brain	Tonsii	Other	Lung		Whole embryo	Blood	Breast	Heart	Prostate		oge d	Tean	40	, during	7,7	- Cal VIX	Calyin		A 24.				Tare			Thyrod	o Other			Resid	Whole embro	Cervix		653	Breast	Kidney	Brain	Umbilical cord	•			VAnole embra			Thyroid		O.Der	voTestis	Aorta	Colon	LID not found
	Colon	CNS	Lymph	LID not found (	Bone	LID not found (	Overy	Gall bladder	Blood		_	Liver	LID not found	16303	pode	2000	1	Cympu	Cinenton	1	Places:	ופרפונים	9	ביווס וסריום	8 1	Poreskin	Clerus	Foreskin	LID TOT TOU			Celvix	Hear	Placenta		Ear	Brain	Tonsil	Color	rdey.	Paramyrod	LID not found Other		Parathymid	Prostete		Parathoroid	LID not found Dither	LID not found Other	Whole emb	Eve	Tonsil	Pool LID not
	674.22 CNS	Bone	43.37 Thyroid	597.06 Brain	51.04 Colon	56.08 Brain	115.08 Pooled	Esophagus	268.89 Lymph	62.76 Germ Cell	238.33 Smooth musc	634.21 Gall bladder	Brain	667.01 Inyroid	71.09 20.17	00.30 URI DIRECTOR	T 67 FG	137.32 Inymus	219.20 18505	341.89	33.2.2 Edit	200000	630.22	362.31 Brain	Sec. 32 Poreskin	737.93 Imyrdio	63.62 165115	Larynx	463.52 Brain	2000	SAB SA CEINX	245 OF Whole embourhest	Dorathymid	Thymus	502.56	610.47 Thyroid	20.17 Heart	Stomach	Kidney	ren .	Germ Cell	ביין	acuta curg	Ad 02 Forestin	170 13 Tonail	3	240 57 Traches		81.33 Pool	75 08 Parathymid		liens	Colon
	-		9	-	12	17	пO		19	5	×	4		- :	2 :	2	•	" (	≥ !	- '	n	•		<b>D</b>	<b>.</b>	- ;	£	•	<b>5</b> 0	;	2 '	- >	•		91	60	9					•	• ;	2 7	' ਨ	,	÷	:	-	. 5			
Table 2A	000	000	000	1 00	00.0	00.0	60.1	0.00	0.00	4.00	0.00	0.00	0.00	8 9	8.8	9.0	8 3	8.6	8 3	0.00	00.0	2.00	0.00	2:00	2.00	0.00	0.00	8.5	0.00	0.00	50.	866	3 8	3 5	8 8	8	8.0	8.	8.	8	8	8 3	3 5	8 8	3 6	3 8	8 8	8 8	8 6	8 5	8 6	8 5	5.00
Tab	2 00	8	8	5	2 00	8	8	2.00	8	2.00	9.4	5.00	5.00	0.00	0.0	2.00	0.0	0.00	9	2.00	00.5	9	2.00	9	00.0	1.00	100	8	8 8	8 8	0.00	5.6	9 6	3 5	3 5	8 8	8	0.0	8	0.00	0.00	5.00	2.00	8 8	3 5	3 8	9 6	8 8	8 8	3 5	3 5	8 6	00
	95	5. 6	7.27	6.17	5.11	5.90	14.78	8.87	5.21	15.10	8.12	5.93	67.5	5.08 .08	12.15	6.74	6.20	9.41	6.08	7.12	38.82	10.42	8.41	8.67	6.42	4.0	5. 19	6.15	9.67	23.20	5.87	12.89	12.73	y, a	, c	5.05	5.26	5.02	13.74	6.54	7.78	7.71	7.60	8.5	10.0	3.40	2 5	13.64	:	70.00	5 20	3 4	14.
	35.78	9 0	8	0.47	£	9.6	382.06	148.77	55.57	546.94	134.75	47.51	155.76	220.08	2024.13	75.15	1230.88	1108.01	482.96	451.49	118.26	633.37	55.60	50.71	60.55	137.22	98.67	741.07	23.77	219.72	30.81	27.87	2384.83	92.00	450.0 674.88	150.84	27.22	40.62	67.50	563.48	27.58	501.31	1303.62	260.98	104.4	28.0LL	0.010	444.76	6700 12	464 74	02 58	27.53	666.72
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	00,00	345636	343069	601000	70565	50443	738155	740604	431655	32587	83358	84713	25132	838629	46977	67759	73556	843008	842946	510464	48303	196760	23774	46553	234977	786285	502277	897761	22762	52755	612809	838774	22773	731270	136399	44108	46843	731023	50268	286503	320209	298091	309368	784214	251147	525478	2108	510273	303033	2007	221803	20425	510380
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	Foreskin Heart	~	_		Muscle Breast		Lung	Overy Eye	Litt not tound Crimer	Without emprocuring	Prostate various emonyo				Tonsil	Head and nec Ear Prostate			Adrenal gland Parathyroid					Deservative of Kither	3			LID not found Other	LID not found Other	5	Placenta	-	LiD not found Other		UD not found		LID not found Other		Done Eye		(ID not found	LID not found			LID not found Other	LID not found Other	ш	LID not found	Ι.	2	Pancreas Uterus
	139.88 Blood	385.71 Musde	276.96 Carvix	Thyroid	Pooled		Aoda	Ear	84.81 Colon	I nyroid	669.64 Ear	80881	Donation Dear	181 57		Head an	Sex		Ear			450.66 Hear	. 8	F 100 F	ventilonalment of 080	Pooled	467.65	Muscle	301.58 Brain	Testis	Ovary	Beb./5 Stomach	377 24 Over	79.75 Smooth musc	380.7 Brain	Pancreas	Tests	463.04 Brain	/22./ FORESKIN	142.33 18888 104.30 Tookil	120 A Brain	82.43 Soleen	Pancress	Sploen	151.82 Ovary	377.31 Pool	200,15 Pancreas	Testis	484.87 Germ Cell	8	171.5 Breast
	n	11	Ξ					•	_	•	-	u	n	•	2 5	•					•	•			3	2	7		Ξ			•	đ	• •	ı vo		,	φ.	- >	۶ ۲	3 *	· -	•		<u>*</u>	æ	12		6		5
Table 2A																																																0 2:00			
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	GTR A2	97.05 87.78	3 6	8 8	3.52	88	3.44	37.55	5.78	3.14	8.90	3.81	13.85	59.74	128.17	4.00	74.14	22.29	36.21	20.27	24.64	3.76	7.7	7.91	1.47	120.27	5 60	96.36	33.80	8.51	110.55	<b>X</b>	6.81	94.90	6.91	54.00	60.21	51.47	115.59	4.41	4.35	33.80	6.05	50 50	AS B3	40.84	23.27	121.20	1.89	228.24	19.86
	HORORY	130307	NZEGE	A A E D B S A E	AA425214	06756N	_	_	_		AA608531		N93187	_	•	AAU60436	•			AA101878			•	_	AA406048		•		N69100			H12105			H04795											AAAKARA		-		N71303	AA195002
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Page 57 of 91

1031755 AA608648  594226 AA108035  1031930 AA608036  665356 AA10803  36678 R51504  287726 AA417805  280706 AA417805  280707 AA417805  280803 AA448044	548 30.93 6 730.67 535 305.00 895 42.40 11.96	3.95 0.67			3 1	4.00	n 8	413.49 Overy	7	100
		0.67	469.00	15.17	80	4.00	8	193 Testis	LID not found Other	Other
			7138.07	9.77	8 6	2.00	v	511.76 Noso	Adipose	Thyroid
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		16.8	122.78	7.26	1.00	1.00				Ear
		96.	82.28	6.68	8	0.00	22 :	27.42 Thyroid	Placenta	Brain
• • •		9	30.93	5.47	8.9	9.0	7	311.24 Brain 422 79 Adinose		CNS
	_	3 10	1348.92	24.41	2.00	800	7	599.98 Foreskin	Tonsil	Parathyroid
		8	195.86	5.22	1.00	0.00	×	317.73 Adipose	Adrenal gland	Adrenal gland Pooled
	~	93.0	81.46	60.9	0.00	8.	=	339.35 Fareslán	P80	LID not found
		2.72	30.89	11.37	0.00	8	e ;	419.03 Colon	Testis	Brain
		8 :	401.19	15.66	8.6	8.8	9 7	356.39 Testis	מנפוט	500
		, S	39.35	15.2	9 6	3 8	<b>*</b> >	295 78 Innom	Carvix	Hand and nack
		6.0	32168	1.06	8 8	3 8	<u>ه</u>	255.55 Heart		Lung
		4.39	75.72	7.28	8	80	4	214.37 Whole embryoUlerus		Prostate
		1.18	25.00	7.86	3.00	8.0		Brain	Testis	Lung
		7.7	110.99	23.41	2.00	0.00		Stomach	Whole embryoGerm Cel	Germ Cell
		6.42	91.22	5.56	8.8	2.00		Umbilical cord Aorta	) Aorta	Thyroid
		48.86	1173.53	7.88	0.0	2.00	7	412.17 Prostate	Foreskin	Kidney
		1.70	255.92	11.79	1.00	0.00	_	293.34 Umbilical cord Pool	Pool	Muscle
4154 H08154		0.97	59.93	5,48	00.	0.0	φ (	358.65 Brain	Testing	Eun)
ш.		5.00	682.13	6.97	2.00	0.00	о» (		vynole embryckoney	Naney
-		7.62	186.98	80 e	B 6	9.0	2	76.13 Adipose	Talk case	
787843 AA41			180.87 20 45	0.04 0.03	8.5	00.0			Lib not found	e e
	AA401376	3 8	47.69	12.13	3.00	0.00		hyroid	Pooled Aorta	Aorta
		0.45	3.19	6.86	2.00	0.00		SNS	Kidney LID no	LID not found
		16.73	269.53	7.34	0.00	2.00	9	49.89 Heart	LID not found	Other
	_	17.89	264,79	14.80	2.00	0.00	Ξ'	343.85 Aorta	Uterus	Breast
		3.40	97.79	8.7	2.00	0.00	vo r	527.16 Neural	Thyroid	Grain
_		08.13	620.25	80°	2.00	2.00	~	500 7.5##		
-		g :	75.47	11.48	9.5	0.00		1881 1881 1881 1881	ביינים	Thomas
550164 AA15	AA159600	5 Z	415.27	0 t	2 6	8 8	n	131.82 Liver	CNS	Pancreas
		30	43.64	40		90,		Hear	LID not found	Other
564771 AA13	_	17.43	241.38	509	000	8	5	45 Aorta	Foreskin	Ear
_		9.59	220.63	23.01	1.00	0.00		Lung	Hear	Prostate
_		8.40	83.02	9.88	3.00	8.3		Hearl	UD not found	
`		7.49	49.22	6.57	9.1	9:1	19	103.66 Peripheral ner Eye	arEya	Brain
•	ø	7.19	42.95	5.97	1.00	0.00		Testia	Uterus	LID not found
-		23.89	182.95	2.66	3.00	0.00	~	515.69 Ear	Bone	Color
795284 AA48		5.62	30.64	5.44	8.	0.00		Solo	Testis	LID not found
		54.32	6022.68	7.05	2.00	0.00			. 1	Perelhyroid
244300 NS47		80.84	1463.66	6.21	8	2.00	-	209.39 Tonsii	8 .	LID not found
	N71463	64.98	822.10	9.67	8.8	3.00		1300	8 3	CID not found
_		16.24	96.62	6.27	3.8	0.00		iisuo:	8 .	LIU net round
`	۰	6.79	94.50	13.92	13.00	2.00		Esophagus	Synoviet mem Thyroid	Thyraid
•		17.25	1862.86	15.89	0.0	00.0		בייים פרשון	Toolie Boot	one.
•	_	9.48	82.212	36.64	9 6	9 6	>	Date Of Descriptions	_	3
342027 W80	W60283	453.49	3690.52	9.14	2.00	800	≺ ;	245.05 Paramyroid	rooled	lesus Celen

Page 58 of 91

	Whole embryo	CNS	LID not found	Other	Other	Other	Testis	LID not found	Stomach	Whole embryo	LID not found	Other	LID not found	Brain	Brenst	,	Overy C	Other	S S	LID not found	8 :	Other	Ciner	בות עמל וסתיים		92.0	Branct	Ciber	ġ.	8	Cervix	Foreskin	Other	Blood	Adrenal gland		Agrts	Prostate	Placente	Gell bladder	Tonsil	Lung	Germ Cell	Perathyroid	oPlacenta	•	Other	LID not found	Other	CNS	Whole embryo	Lympn	LID not rous
	Breast	Gall bladder	<u>8</u>	UD not found	LID not found Other	LID not found	Pancrees	yoBrain	92	Germ Cell	P80	LID not found Other	P00	Cterus	er Adipose		Umbilical cord Overy	LID not found Other	LID not found Other	- So	Cung	LID not found Other	CID not round Other	yorog	Mean Bone	Vende embry	, u	Lib and found Other	Misch	Foreston	_		Whole embryoLID not found Other	Esophagus	Liver		Overy	Ensor	-	_	Germ Cell	Germ Cell	Blood	Brain	Whole embryoPlacenta	Uterus	UD not found Other	Brain	LID not found Other	Adrenal glank	Otens	Cervix	
	458.89 Parethyroid	21.48 Pooled	Cervix	Pancreas	Tests	3	510.58 Germ Cell	59.14 Whole embryoBrain	174.53 Small intestine	Testis	Hear	682 Testis	350.76 Germ Cell	<b>6</b>	726.84 Peripheral ner Adipose	726.94	Cervix	59.5 Foreskin	8	288.35 Testis	Uterus	Nose	estis	Vanoue embryop col	840.65 CNS	Otenus Otenus	245.31 Colon	Toelie	mittue O 11 One	386 46 Literus	15 73 Esophagus	15.86 Stomach		Laye S	Borne	305.09	158.84 Thyroid	143.55 Colon	270.01 Adipase 89.05 Gall hiadder	116 78 Thyroid	Hamy.	Overy	Pooled	182.05 Adipose	269.06 Pool	318.05 Stomach	8	260.52 Bone	719.37 Cervix	194.76	307.02 CNS	Thyrold	477.65 16505
	60	•					9	6	-			4	4		e	en		=		\$					_	•	<u> </u>	•	ğ		: 2	55				-	<u>.</u>	- 9	ž (	; «	•			<b>7</b>	19	5		<b>7</b>	~	<b>5</b>	os		₽
2 <b>A</b>	0.0	900	8	8	00.0	2.00	8.0	2.00	0.0	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.0	0.00	0.00	0.00	0.00	00.1	2.00	8 6	8 8	2 6	8 5	3 8	0.00	000	60.1	000	0.00	0.0	8 8	8 8	8 5	000	80	1.00	000	0.00	1.00	6.0	80	0.00	80	6.	00:0	0.00
Table 2A	1.00	2 00	000	000	00 1	0.00	9:	0.0	8.00	2:00	4.00	2.00	1.00	4.00	1.00	1.00	2.00	0.00	9.	2.00	8	5.00	0.0	8	86	8.5	8 8	8 8	3 6	3 8	8.8	8 8	8	00 4	2.00	12.00	0.0	3.00	2.00	8 8	8 6	8	00.0	3.00	3.00	0.00	2.00	8.	8.	8:	8	8.5	<b>6</b> .
	8.08	98	203	199	5.04	9.70	6.57	7.22	13.26	7.08	13.89	15.78	5.07	7.23	11.76	5:32	6.55	5.52	5.10	9. 9.	5.03	9.25	7.53	6.13	5,29	2	6.70	142.07	11.23	5 5	 	3 6	6,18	11.20	6.63	103.05	5.51	7.38	7 (A	7 24	27.5	583	6.58	5.90	6.45	10.96	0.29	9.0	5.68	6.39	7.56	5	7,14
	123.60	83.74	52.70	237.06	25.75	203.41	28.45	2179.31	381.61	17.74	111.90	277.80	5.87	39.79	588.03	796.58	139.88	262.69	260.36	34.28	46.14	1355.51	35.69	108.45	309.94	26.58	2323.93	630.35	273.37	20.00	54.00	5.50	26.53	52.97	308.82	1193.03	250.49	85.58	21.24	200.00	75.98	74.48	50.79	47.71	83.05	588.53	30.96	119.56	34.62	268.76	69.92	64.40	15.53
	20.32	55.41	5 6	43.19	-	20.97	8	301.81	28.78	2.51	908	17.60	1.12	5.50	49.82	148.79	21.36	47.58	51.07	5.04	9.17	146.51	4.74	17.70	58.56	3.73	346.68	. i.e.	24.34	87.12	3 2	2.32	4.29	4.73	46.57	11.58	45.48	6.75	3.70	23.01	11.5	12.77	7.72	80.8	12.88	53.71	4.92	16.93	6.10	41.72	9.25	12.50	2.18
	AA024604	0.0508770	AA181646	04160780	90436009	H68005	AA159962	AA425685	AA187641	AA453598	W72749	AA429904	T99719	AA436456	AA458975	AA432121	AA448637	N23589	R10099	R91949	AA608532	N23867	AA431736	R06618	HDB195	AA400710	AA461486	K45582	AA609364	AA666349	AA455955	N24966	AA454085	AA455934	N25578	AA454854	AA450020	AA877618	R41911	2007104	44453028	AA877255	AA877669	R39325	N32604	AA253464	AA458648	R42864	AA190871	N39229	AA454982	AA236798	R42871
	365085	02000	07020	604263	22,027	210952	\$92699	773166	625863	795230	346119	780938	122782	753028	838611	781482	786037	250868	128861	196187	950596	254549	782270	126490	43729	753113	796863	35481	743441	1409509	813284	267420	788246	813288	267725	80898	768309	1160618	31195	1100/23	788364	159963	1161013	24176	259973	669375	813414	31261	626967	276962	811895	869379	31475
	12824	000	12820	200	47838	12840	12841	12858	12881	12862	12863	12866	12868	12872	12878	12882	12883	12889	12800	12308	12910	12913	12914	12924	12935	12936	12939	12955	12958	12854	23621	00871	12970	12973	12978	12983	12986	12988	2962	9467	3000	13012	13020	13028	13032	13043	13045	13048	13047	13048	13049	13051	13054

Page 59 of 91

						_			o co	2	2	=	į		puno								dder			orug		o Card											Whate embryo				LID not found		Whole embryo			LID not found			
	Lymph	ğ Değ	Oiher	O Po	CNS	Foreskin	٠ ا	Brain	<b>Млою</b> отполу				8	O S	LID not found	Other	Other	Other		O pe	Other	Olber O	Gall bladder	Other	Other	LID not found	Other	UD not found	Other			2	, .	Ovary	Bone	Kidney	d Other	. Brain	S C	5	Č		500	d Other	Whole	d Other	d Other	CD CD	d Other	SNS	2 <u>6</u>
	SNS	LID not found Other	LID not found Other	LID not found Other	Aorta	Aorta	Tonsil	Whale embryoBrain	Маселта	Toetie	Lusus LD not found	Carix	LID non found Other	LID not found	Pancreas LID no	LID not found Other	LID not found Other	LID not found Other	Heart	LID not found Other	LID not found Other	LID not found Other	musc Liver	LID not found Other	LID not found Other	Pool	LID not found Other	լաց Մա	LID not found Other			100	Prostate .	Lung	CNS	Foreskin	UD not found	ineHeart	Foreskin	ŝ	9	•	Pool	LID not found Other	Kidnoy	LID not found Other	LID not foun	Brain	LID not found Other	E. e.	Germ Cell
	43.88 Tonsil	529.87 Foreskin	Foreskin			Centix	Whole embryoTonsil	314.79 Breast	120.51 Stomach		2 2	Adimose	411 15 Pnol	93.04 Testis	Muscle	Testis	Eye	67.54 Pool	583.17 Whole embryoHeart	45.7 Pool	Eye	332.38 Pool	219.43 Smooth musc	<u>8</u>	69.08 Pool	34.94 Testis	82.43 Pool	ē.	117.11 Eye	Hear	9 17		501.89 Resin	140.43 Blood	157.53 Brain	Tonsil	567.28 Pod	intes	245.08 Aoria	1/1.26 Mean	71 17 Brain	245.08	Testis	Foreskin	576.44 Pooled	152 Brain	278.48 Pool	Germ Cell	529.52 Lung	D. C.	Z56.24 Brain
	5.	2		×				9	n (	2					,			19	6	12		60	=		=	5	-		8	;	8		•	- =0	60		2	= 1	×	_	ŗ	· ×	:		~	7	æ		5		æ
2A	3.00	2.00	5.00	2.00	1.00	0.00	1.00	1.00	0.5	2.00	960	9.6	3 5	8 8	8	8	8	2.00	8.1	2.00	00.0	0.00	0.00	4.00	3.00	9.1	0.00	0.00	0.00	0.9	00:0	0.00	000		000	8.0	9:00	8.	8:	80	8 8	8 8	8	8	80	0.0	4.00	0.00	1.00	8.8	3 8 8 8
Table 2A	000	8	2.00	1.00	0.0	2.00	1.00	000	5.00	8.8	9.6	5 5	3 5	2 6	1 00	00.0	0.00	2.00	000	1.00	9.1	0.1	1.00	0.0	0.00	0.00	2.00	3.00	2.00	000	1.00	00.	8.5	8 6	2.00	3.00	0.00	0 0	8	8	B 6	8 5	8	8	8.	6.0	000	8.	0.00	9 9	8.89 8.00
	5.74	8.85	9.47	5.86	5.77	8.07	10,06	5.49	8.68	50.0	ž :	D 0	90.0	873	5.10	5.89	2.00	8.47	60.9	8.83	7.36	5.97	6.46	8.19	12.37	5.93	9.43	6.67	5.79	6.70	6.67	10.26	8.5	10.10	7.23	6.37	8.62	6.62	6.26	7.48	21.55	ם ה ה	199	7.25	. 5	9.80	8.97	5.09	7.18	5.20	108.17
	108.80	152.22	127.57	10,1401	268.84	1099.47	121.41	90.90	108.00	549.69	33.56	450.94	33.37	10.27	58.27	21.13	55,56	270.63	21.65	263.32	94.65	392.13	172.32	210.34	1386.49	370.06	244.04	40.57	1733.60	137.42	1713.78	10.41	36.46	25.53	78.05	396.07	229.65	280.27	4171.04	304.93	348.36	10.07	58.24	91.65	108.95	22.48	408.68	13.02	341.86	5.24	261.02
	68 60	22 12	13.47	177,72	46.56	136.16	12.07	14.72	12.45	102.71	5.13	6.2	5.67	- F	3	9	11.1	31.94	3.55	30.52	12.87	70.37	26.68	25.68	112.11	51.91	25.89	6.08	299.52	20.51	256.81	1.01	15.73	- F	10.92	62.15	28.65	42.32	668.09	40.77	18.16	2.40	A.81	12.65	13.42	2.29	45.55	2.56	47.58	5	6.99 2.41
	N63575	N72288	N72300	N96513	AA181336	A190313	N74106	AA599104	AA486183	N74958	24895	W70342	AA192435	0.000	AA178413	AA408210	AA481789	H62011	AA479928	H65832	AA481729	H78899	AA487527	W90105	H81083	AA405690	H70163	AA469791	AA489826	W92738	AA489840	N47208	AA490048	H05081	AA406231	N73477	N73571	R15632	N73807	AA456289	N48698	K4301/	A A B D S A 1	H46229	AA447892	R49645	N74042	H06508	N76101	AA218033	AA398284 R60170
	278243	201385	291418	310501	627272	627428	291369	950451	842762	299488	276712	345847	627555	233240	14458	742867	838855	209179	772938	210531	838518	233644	841386	418113	241241	742952	213575	639545	839837	356940	839855	280412	838894	43855	753248	291700	296022	53110	289402	813154	279388	31869	10010	260273	813611	37539	296719	44073	299412	629863	726703
	12058	13080	13068	13072	13102	13106	13116	13118	13122	13132	13151	20.5	13157	2 2	5 5 5	2468	13167	13168	13171	13176	13183	13184	13185	13194	13200	13214	13216	13223	13231	13235	13239	13245	13247	13252	13255	13258	13266	13272	13274	13276	13279	13280	70701	13288	13287	13288	13290	13312	13314	13334	1333

19e 60 of 91

				,		Table 2A	2A				
13344	42271	R60328	0.77	£.76	6.15	2.00	0.00	11	628.04 Germ Cell	Brain	Lung
87.11	0812071	A487880	80	348 78	68 25	8.00	0.00	₹	453.51 Neural	Smooth musc Lymph	c Lymph
13358	785893	AA449329	4.07	43,91	10.80	4.00	0.00		Pooled	Whote embryo Testis	oTestis
13384	754485	AA410190	42.71	238.54	5.59	0.00	2.00		Foreskin	P06	UD not found
13363	39288	R52347	57.51	470.44	8.18	2.00	9.00	•	438.5 Brain	LID not found Other	1 Other
13364	1325920	AA757351	11.31	96.66	8.55	0.00	1.00	~	590.63 Synovial mem	om Whole embryoGerm Cell	oGerm Cell
13366	1388373	AAB44124	3.18	19.87	6.25	1.00	0.0	7	276.5 Parathyroid		Kidney
13370	726551	AA398112	7.11	38.98	5.20	8.	0.00		Testia	Prostate	LiD not found
13371	39191	R5444	3.86	37.45	9.69	2.00	0.00		CNS	Whole embryoProstate	roProstate
13374	785899	AA449332	4.30	23.83	5.57	0.00	1.00		Whole emt	Whole embryolddney	
13375	44387	H08525	2.50	32.65	13.07	0.00	3.00	ω.	46.35 Breast	Brain	Parathyroid
13379	39311	R51361	3.51	75.27	6.51	9.	0.00	ക	53.37 Cervix	Whole embryoBrain	oBrain
13383	44300	H06377	16.57	188.06	11.35	8.4	0.00		Brain	LID not found Other	Other
13384	1389018	AA855158	3.95	23.88	8	8	0.00	<u>-</u>	380.79 Germ Cell	Hear	Kidney
13391	44409	H08385	115.41	597.95	5.18	8	2.00	m	65.25 Muscle		Foreskin
13400	1390860	AA84447	10.43	67.64	6.53	0.00	2.00	m	828.88 Parathyroid		CID not found
13403	39336	R51186	4.17	21.68	5.20	1.00	0.00	~	481.92 Liver	Brain	LID not found
13407	47916	H11968	110.56	679.82	6.15	0.00	9.0		UBJG :	LID not found Other	d Other
13415	48236	H11987	15.27	136.40	6.83	9.	8.	~	521.56 Brain	LID not found Other	d Other
54.19	39453	R51631	16.07	85.66	5.33	0.0	9.	~	554.85		
13423	46033	H11760	6.50	43.58	6.70	2.00	00'0		Pooled	Brain	Heart
13429	768018	AA418747	4.52	34.80	7.70	1.00	0.00		Germ Cell	Pool	Lib not found
13430	785760	AA449686	0.57	6.37	11.27	0.00	1.00	-	118.74 Placenta	Breast	Utsrus
13434	726595	AA397918	77.18	476.55	6.17	0.00	8.		Testis	LID not found Other	d Other
13439	48060	H11631	2.30	23.55	10.25	1.00	000	6	185.79		
13440	1405689	AA890663	26.85	221.88	B. 33	0.00	90'1	Ξ	277.15 Pancreas	Blood	Parathyroid
3463	277487	N56888	11.93	819.46	99.89	0.0	\$.00 2.00		CNS	LID not found	
1344	344010	W70242	15.18	88.29	6.47	1.00	0.00		Whole emi	Whole embryoOvary	Hear
13448	358800	W94383	126.17	849.98	6.74	8	2:00		Eya	Heart	8
13455	278516	N82817	5.74	29.48	5.14	1.00	0.00	e	422.58 CNS	LID not found	
13460	344834	W70264	5.08	29.28	5.76	8.	0.00		Gem Cel		8
13468	366209	AA062885	0.51	3.20	6.32	8.	0.00		Pooled	6un I	Heart
13480	358872	W84620	48.66	327.02	6.72	0.00	2.00	,	ilean	LID not found Other	o de c
13487	289742	N62869	12.56	78.05	6.21	9:9	00:0	~ ;	564.37 CNS		o Canar
13490	796916	AA463206	9.48	48.02	98	8.	8:	23	78.86 Parathyroid		roreskin
13504	415182	W95108	28.±	252.46	9.09	8.9	8.		Kidney	6 F	בים הסג זמנותם
13512	642895	AA486427	63.22	627.31	6.9	9.6	8.8	3	Cervix	Panrast	5.
13537	591457	AA160592	2.97	29.48	5 6	9.00	8 8	<u>*</u>	Abels desired to the section of the	Por Port	pond too CII
13538	773189	AA425700	11.45	56.37	0.0	3 6	3 5		Whole em	Whole embryol od	Duot found
13046	28567	AA453633	6.00	236.22	3 6	38	8 8		Testis	Pool	LID not found
13550	510906	A410222	291.83	2073 76	7.11	00	28		Blood	Calon	Lung
13553	592523	AA160484	12.82	122.27	4.5	1.00	0.0		Blood	Pancreas	LID not found
13560	564567	AA127385	89.85	1264.67	12.66	0.00	8.4		Ea	Ovary	Lung
13563	262927	HB9704	345.70	2124.21	6.14	2.00	0.0		Aorta	Ulerus	Placenta
13565	625693	AA186460	33.98	235.51	6.93	1.00	9.6	-	=	cord Pooled	Germ Cell
13568	568383	AA151775	10.08	184.20	18.27	8	8	- 1	192.24 Adipose	Uterus	
13574	811572	AA464506	6.48	72.00	11.12	8:	9.0	- ;	521.82 P00I	de d	Carrier Colored
13585	593174	AA159605	<b>5</b> 6.02	510.35	9.11	8	200	₽:	112.29 IONSII	Gaary	_ ′
13591	328889	W45453	5.14	45.23	<b>8</b> .78	9.5	0.0	₽ :	474.57 Foreskin	raramyroid	
13592	842766	AA456165	3.8	573.11	7.78	8	8	27 :	136.79 LBrynx	S C	Sign of the state
13594	773548	AA428179	130.11	1092.90	8. 6 0 .	0.0	8 8	2 5	52.1% Blood	N Const	- cye
3286	784005	AA443280	R 1	105.67	ψ (c)	9.6	9 6	•	390	Den e	
98	120273	196988	8.73	C8.712	3.5	9.0	9 6	ţ	148 80 Octob	Discorts	
13604	132392	R26531	5.41	30.87	3.70	9.	3	2	140.00 CV417	A110001 L	§.

1ge 61 of 91

	1 Bone	Lung		Lung	4	5 6	200		10.00		Discoular Paris		Forestin	Sem Cell	P C C	Heart	Prostate	Other	Adrenal gland		100	3 3		6058	MUSCIO	LID not found	P 5	d Other	Lymph	KIGNEY	SAC A	200,0	Pancreas	Whole embryo		الس	CNS			ŠŠ	2 5	County	Pencreas	Bore	2		Germ Cell	Adipose		Adrenal gland		Kidney	nd Other
	Umbilical cord Bone	Qvary		Cervix		בות שפו נפתום	Little field Gerind City of City	CLO NOT INCIDENT		3 6	1000	1 ID not found	e i	Poole Palore	Brain	100	No.	LID not found Other	Toneil		o.c.o.a		Vandle embryout Drot tound	E S	Foreskin	Foreskin	Cerx	LID not found Other	Synovial mem Foreskin	Blood Alone	Vinde end	of Missile	Rain	Foreskin		Pancreas	Parathyroid	ryoBlood	i	Inyroid	FORESKIN	2 2	Youled	whole emply of do			Small intestineStomach	Liver		Placenta		ord Pool	I LID not found Other
	689.77 Ignore	Aorta	415.29	fgnore		Z52.9 POYOEKIN	me of Dool	Consider mem	Oynowe mer	UNSPICE STATE	biografford C2 2C2	384.62 Forestin	428 80 Adimon	417 00 CNS	Illens	244 45 Stomach	274 RB C101100	553 91 Nose	104 24 Adinora	331.24 Author	Town:	318.18   G18.1	лаше еприм	105.89 Ear	Breast	24.51 Pancreas	615.42 Ear	Tests	Synovial mo	leno!	64.24 Inymus virion	SOC. 10 Soleties giant Grant	Ported 17 171	14 81 CNS	404.08	Musde	Placenta	Whole embryoBlood	328.88	160.11 Larynx	anong) cu.u-	BTO F	287.82 Foreskin	362.35 CNS	ALK.44 LBI 911A		242.21 Small intest	Cervix		750.98 Skin	40.86	56.14 Umbilical cord Pool	Parathyroid
	-		ō		:	Ξ	:	2	\$	2	,	~ ç	2 \$	2 4	5		° ‡	<u>-</u>	- <b>,</b>	,	Ţ	=	;	12	,	17	4			,	<b>&gt;</b> (	•	3	: 2	. •				2	e (	22	;		2 ;	=		21			-	8	m	
e 2A	2.00	00.0	0.00	2.00	8.9	3.00	2 6	7.00	00.0	900	8 6	90.0	00.7	0.00	80.0	3 8	3 8	3 5	3 3	8.8	8.8	8 9	90.	00:1	0.00	200	0.0	0.0	0.00	86	9 6	90.0	9 6	8 6	8 6	2.00	2.00	0.0	5.00	9:0	8.9	8 9	2.00	8 6	8.5	8 8	0.0	8	0.00	0.00	0.00	00.0	4.00
Table 2A	8	1.00	1.00	0.00	0.00	80	8 8	8 9	9.	9 5	9.5	0.1	200	9 6	3 5	3 5	3 6	8 6	3 6	9.6	8.	00.	0.00	00.0	8.	0.00	2.00	2.00	5.00	4.00	8 9	8 6	8 8	3 5	8 8	000	1.00	1.00	0.00	900	9:0	000	000	3.00	9.6	3 8	8 8	8	8	8	8	5.00	0.00
	8.39	5.88	5.13	6.91	10.94	7.05	5.73	22.73	7.38	5.30	26.92	5.30	14.18	9 5	77.6	20.5	1.5	3.5.5	D (0	8 6	\$ ? 6 :	5.17	5.5	6.33	6.94	6.82	5.94	5.44	5.90	9. 12	7.04	9.7g	11.80	3,63 7,75	8.29	8.23	9.80	5,13	5.52	21.97	10.81	8.68 6.68	11.53	11.55	13.63	0.0	12.94	10.69	8.33	5.27	6.60	7.39	6.62
	130.75	91.98	1066.14	320.60	1329.27	208.24	97.59	78.84	92.49	4.02	216.16	57.49	135.88	40.35	7.75 61.85	60.10	09.807	86.44	213.33	78.89	224.30	48.98	5090.11	281.64	21.70	92.80	79.76	10.63	134.85	57.78	78.18	40.03	ZL.c	130.74	15.40	201.16	344.89	917.74	91.50	467.98	39.16	145.97	75.47	100.11	254.33	61.61	176.48	639.22	27.09	63.85	30,17	334.48	322.51
	15.59	15.64	207.98	46.43	121.48	29.55	17.04	3.47	12.53	6.79 10.18	7.47	10.85	80.0	8 ;	4.78	n i	97.5	B. 95	C .	10.30	39.82	9,48	382.59	44.48	3.13	13.80	13.43	1.95	22.85	6.33	523	7.57	0. e	2 6	2.52	24 45	35.18	178.95	16.56	21.30	3.82	16.81	6.55	8.87	16.2/	15 t	20.00	7 65	3.25	17 13	4.57	45.23	48.73
	AA195398	AA166695	N69962	AA191437	H89505	N24629	AA609422	AA456012	AA406348	N24848	N61682	AA406363	N25820	AA459944	AA406373	AAA 1794U	AA194633	AA406233	N27366	R43755	AA411656	AA194941	AA443719	AA479106	H08249	N29817	AA424754	AA621224	AA452572	AA876021	AA443284	N66104	R44741	K44/62	A4432601	RACOOR	AA452816	AA452822	R43020	AA402915	AA425684	AA452824	AA456083	AA452877	W51794	AA436635	AC 12034	AARZRAER	AA773983	R44.196	AA489383	AA149117	W04695
	627211	593690	297830	626851	240223	269831	743536	811943	753188	267085	279058	753213	269692	796406	753236	16/425	664975	153252	255897	34942	753278	665082	784050	753940	44287	270862	768997	744436	788507	1161530	783998	278430	33627	34149	180324	31759	788541	788554	31972	741988	773367	788558	813513	788575	324492	811854	044010	SE25.22	B58450	34528	843398	589027	320425
	13805	13617	13627	13629	13632	13633	13638	13639	3640	13641	13645	13648	13648	13655	13656	1366/	13668	13672	13681	13887	13688	13892	13698	13698	13707	13713	13716	13728	13730	13732	13735	13738	13740	13748	13/34	27.59	13762	13770	13774	13775	13783	13786	13789	13794	13800	1380	9000	2000	13820	180	13873	13828	13832

Page 62 of 91

	70	h	h	•					·	. 15		. TG	LID not found	7	ž.		LID not found	5	<b>.</b>		ě	LID not found	LID not found	m	<b>=</b>	<b>a</b>	ey.	LID not found	<b>.</b>	Pancreas	į	<u>.</u>		» CI		Gall bladder	s		5	ě		£	2.	ē.	ē	ē	- E		LID not found	<b>a</b> 1	Discorts	Prostate
	Blood	not found Other	at found Other	ordma					found			_	_	ID not found Other	ID not found Other		9	ID not found Other	LID not found Other		ID not found Other	_			LID not found Other	LID not found Other	s Kidney			g.						_	an Brain	Ambilical cord Ear	LID not found Other	LID not found Other		puno x	Brain	LID not found Other	Dead Dead	35 7	UD not found Other					
	_	Ę	_		_ `	8 5		, .	_	9	Placenta	Skin	Colon	TIO 3	5		_	_	9		9		<b>B</b>	al mem Fores				Kidney	Whole embryoLID not found	ind nec Ear		isuo:	Color	Hear		_	Spieen	5	_	_		_	_	9	9			_		3 9	Srain Advand stand Foreship	Tonsil
	191.21 Stomach	Parathyroid	202.63 CNS	Head.	Pooled	245.05 LUNG	Piosisie Con ii	41 Shomach	Hear	522.76 Pool	277.57 Pooled	537.66 Nose	8	Testis	Eyo	88.45	Ute⊡s	Uterus	Eye	504.31	E)A	347.98 Uterus	646.75 Ulerus	101.74 Synovial mem Foreskin	76.07 Ulerus	62.53 Puol	Lymph	164.8 Colon	Whole	428.78 Head and nec Ear	529.13	useds	71.14 Over Colon	240.37 Overy	162.07	575.4 Esophagus	Eye	315.2 Eye	Testis	Parathyroid	459.05	126.05 Brain	Parathyroid	743.9 Lung	229.98 Brain	. 1	Testis	8	Stomach	495.58 Pool	105.08 Brain	Cervix
	16 19		16 20		;	¥		17		6	12 27	. E				-				φ.		55 SP	2	12 6	×	92		5.		-	2				16			5			٠ 4	<del>-</del> -		7	12 2				•	eo .	, ,	•
Table 2A	0.00	3.00	2.00	9.	8	8 8	3.5	3 5	3 8	8 8	2 00	00.0	80	0.00	0.00	00'0	2.00	1.00	0.0	1.0	0.0	1.0	0.0	0.00	3.00	4.00	4.9	3.0	0.0	0.00	90.5	0.00	8 6	8 6	8	2.00	0.00	0.00	0.00	2.00	8	5	8	8	50	<u>.</u>	8	8	8	8.8	3 8	8 5
Tat	1.00	000	0.00	0.00	2.00	2.00	9.6	3 6	8 6	8 9	000	1 00	2.00	1.00	4.00	3.00	00.0	00.0	3.00	0.00	3.00	0.00	3.00	1,00	00.0	1.00	3.00	0.00	8.8	8	000	8 9	8.5	3 8	8	80	6.00	2.00	1.00	0.00	0.0	1.0	27.00	8	8.0	8	0.0	8.	8	8 8	3 5	8 8
	8.01	8.09	8.20	5.89	23.85	25.0	7.78	2 6	20.0	808	7.83	8 62	8.12	6.17	6.53	6.53	8.12	5.44	6.85	5.32	6.21	6.09	48.26	5.43	5.73	6.15	15.47	9.18	6.99	5.22	8.27	8.8	13.66	17 19	13.95	8	12.83	9 9	5.46	6.67	5.28	6.22	125.57	5.99	7.65	9.60	9.32	11.87	6.14	9.68	1.40	6 95 6 95
	132.85	103.45	323.77	58.41	63.68	1879.75	683.58	80.03	204.26	41.95	1651 17	20.09	1402.32	5.95	77.47	153.04	144.84	911.37	146.56	57.25	24.42	£.09	254.25	1064.67	588.75	210.63	1083.12	1091.03	6263.63	84.13	971.77	869	204.49	98.74	6609.43	962.04	38.06	26.63	44.32	449.68	157.14	33.82	920.13	1489.62	515.85	68.80	118.15	182.86	756.21	740.08	45.19	86.89
	22.14	12.79	52.25	10.26	2.68	209.53	87.83	14.23	20.02	20.22	211.35	F 8	172.73	98	9.09	23.43	23.65	167.46	21.41	10.77	3.83	8.89	5.27	195.98	102.71	34.27	58.72	118.80	878.64	16.12	104.88	9.79	14.97	5.60	473.66	159.18	2.97	4.04	8.11	67.43	29.77	\$	7.33	248.86	67.40	13.45	14.20	18.25	122.89	78.46	986	15.64
	AA152340	W16425	N34933	N76133	W20482	T92200	N78889	AA196281	A4009730	AA005135	44487192	NOTARE	AA132524	AA409061	AA490058	N51030	AA120881	AA044741	AA012911	N53458	AA013353	AA121271	AA122079	AA485896	AA121518	N57659	AAD45300	AA146979	AA460378	AA161181	AA487233	AA464522	AA126958	A4455463	N25650	AA424586	R42312	AA459983	AA609955	N90595	AA452125	H05535	R49597	N92804	R43028	N94447	AA610016	T95935	N98238	199043	R40835	AA398141 AA884897
	568466	322447	276861	299459	327480	118049	30000	627633	505506	327732	44390	75535	587430	743030	638903	244184	490991	487938	360177	245324	360355	490188	480434	840503	489931	246552	487086	568508	796095	592630	841474	810209	511633	809722	252133	767206	20820	796448	1031182	306276	786550	43532	37310	308620	31979	309638	1032015	121154	309119	122752	28737	726596 1468220
	13842	13848	13855	13860	13880	13882	13884	13886	500	2697	2 9	2005	13925	13926	13927	13928	13941	13945	13947	13952	13955	13957	13959	13963	13965	13968	13969	13970	13980	13986	13988	13996	14005	14006	1404	14028	14040	14047	14051	14058	14068	14072	14080	14082	14088	14090	14091	14101	14106	14109	14112	14124

Page 63 of 91

64 of 91
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_	54582	AA408311	9.78	37.93	5.61	8	8 3	≥ .	201.02 Lympn	Dogo	1000
14131 4	1869	R66438	2.46	38.08	15.90	2.00	8 :	4 (	168.31 Paramyroid	8	Prostale
-	54588	AA406201	<b>2</b> .	236.76	5.29	8	8 :	m (	347.25 Bone	. :	Cem cem
	54591	AA406320	32.83	204.98	6.24	9 6	8 8	**	September Commence	Liver	Fiscerse
14158	412238	AA844818	89.7	392.52	5. E	3 6	3 6	٠	And A Dungland	Kidoba	10 per 10
	412245	AA844831	<b>D</b>	9.50	25.42	3 8	9 6	-	Blood	, ,	
200	200	40711444	9 5	3 3	3 5	8 8	8 8	0	241.71 Pancreas	Small intestineColon	ineColon
- •	200	AA440363	20 43 43	467.43	5 13	8 8	000	. 42	323.47 CNS	Thyroid	Whole embryo
- ,	2000	0.0441807	7.5	5.53	20.78	300	0.00	:	Pooled	Foreskin	Tonsil
	01078	4449481	49.05	216.84	20.38	000	3.00		Vinole embr	yoLymph	Eya
•	18887	H18098	15.52	103.43	6.66	2.00	2.00	က	145.08 Brain	Brain LID not found Other	d Other
•	11913	R59608	20	7.88	7.72	2.00	0.00	~	-12.44 Brain	LID not found Other	nd Other
,-	785913	AA449490	20.80	104.27	5.01	0.00	1.00		Stomach	CNS	Kidney
•	9810	H16179	2	29.99	16.80	1.00	0.00		Brain	LID not four	d Other
14205	768254	AA424944	81.52	467.39	5.73	0.00	2.00		Pod	Kidney	LID not found
•	8955	H18725	218.35	1424.49	6.52	0.00	3.00	es	410.63 Breasi	Brain	LID not found
•	48432	AA777551	1.24	9.58	1.7.1	2.00	0.00				
	87333	AA132867	155.88	1414.66	80.6	2.00	0.00			Whole embryolung	nyolung
	159072	W92315	178,96	1345.43	8	2.00	0.00	6	357.99 Heart	LID not found Other	nd Other
	40728	AA487848	297.87	3930,50	13.20	1.00	0.00	7		Umbilical cord Aorta	ord Aorta
	44059	078770	7 53	43.30	808	80	000		Kidnoy	Неал	LID not found
	664147	001100	. d	74.52	1161	001	00.0	~	504.11 Brain	Aorta	Lung
	07865	A D 50 8 8 4 0	5 5	93.68	7.87	00	9	×		Pooled	Whole embryo
	345118	0CPCT/W	5	35.24	7 0 7	00.	000		Heart	Whole embryokidney	ryoKidney
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	76767	2	545 73	5	9	8		CNS	-00 -00 -00	LID not found
	00000	TOCTOR	102.85	1473 86	7.64	2.00	30	₽	374.69 Eve	Aorta	CNS
2.5	28454	40412098	0.71	6.76	25.	2.00	000		Pooled	Whole embryoCalan	nyoCalan
77.07	2000	AAAGGGA	27 95	179.30	6.41	2.00	000	6	200.65 Eye	Blood	Muscle
4004	78144	N83516	11 24	22.65	5.27	00.0	9		CNS	LID not found Other	nd Other
4299	283581	N50702	5.77	131.13	22.72	1.00	00:00		CNS	LID not found Other	nd Other
4300	344550	W73597	167,79	1041.92	6.21	8.	0.00	22	37.19 Heart	LID not found Other	nd Other
4304	427754	AA002226	35.43	189.93	5.36	2.00	1.00		Pool	LID not found Other	nd Other
4307	291947	N73083	0.78	9.81	11.25	1.00	0.0	15	190.28		
4316	122008	T98355	20.15	102.07	5.07	00.0	8		Eye	Pool	
4322	780944	AA429807	6.11	44.05	7.21	00:00	1.00		Tesils	LID not found Other	nd Other
4324	122435	T99243	7.95	48.85	6.16	2.00	0.00		Pool	LID not for	nd Other
4325	757246	AA426026	10.03	103.98	10.37	8.0	3.00			Prostate	Toslis
4326	838230	AA458874	33.42	182.38	5.46	8.	9.0	₹ 1	349.65 Eye	LID not found Other	ind Other
4328	241447	H90407	32.70	301.43	9.22	0.0	200	<b>₽</b>		LID not found Other	
14331	255651	N27837	219.53	1509.71	6.88	3.00	0.0	23	68 Nose	LID not found Other	
4334	810984	AA459403	272.32	1472.70	5.41	9 6	8 8			Notice of	College College
4337	809521	AA167565	91.21	22.796	10.60	0.00	9.6		rye.		
7	195534	AA459949	<b>3</b> :	26.92	0 5	9 6	3 5	•	47 47 Fvo	1000	nd Other
0	029809	AA107308		330.60	,	3 6	8 8	, 5	250 A Tactic	10001	10 and found Other
4350	795560	AA459689	\$2.ct	12.20	5 5	8 6	3 8	2 2	120.04 Colon	Luna	LID not found
700	20001	17100100	2 2		5E /	00 6	80	i	Eye	UD not for	and Other
222	48855	AA047275	8	231.39	6.81	2.00	80	×	121.77 Slomach	Toneil	Tonsil Brain
4356	126540	R06754	138.48	920.17	6.74	0.00	2.00				
14360	347740	WB1524	25.71	153.68	5.98	0.00	3.00		Cund	Неап	Colon
14367	429122	AA004803	6.43	52.14	6.41	1.00	0.0		Pod	LID not to	.IO not found Other
14374	795794	AA459851	161.02	921.82	5.72	1.00	0.0	×	245.06 Testis	LID not to	"ID not found Other
14381	629701	AA218673	136.33	845.72	6.11	0.1	8.0		Eye	8 8	LID not found
14384	744360	AA521183	9.34	61.28	6.56	0.0	1,00	2	154.34 Neural	Brain	Ey€

Page 65 of 91

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į	Olher	Whole embry		LID not found	Prostate	Other	Uterus	Other	LID not found	Perathyroid	Whole embryo	Heart	Offer	O Per		O:Per		Ulerus	Other	Other	Other	Foreskin	Testis		Brain	Whole embryo	Aorta	Pancreas	<u>8</u>	Whole embryo	900	5 8	e S	100			, i	110 not found	Other	Other	Gali bladder	LID not found	1 Other	Hear	1 Other	UD not found		Foreskin	Brain	1 Other	Other	LID not found	Pancreas 7	d Other
	.ID not found Other	Parathyroid Whole embryo		8	Pooled	LID not found Other	Thyroid	LID not found Other	Foreskin	Muscle	Foreskin	Colon	LID not found	LID not found Other		LID not found Other		Prostate Uterus	LID not found	LID not found	LID not found	Pooled	Uterus		Pool	Kidney	Blood	Prostate	Ovary	Testis	Eye	Blood	LID not found Other	Toolie	TO not found Other	Company of City		Stain 110 nd	LID not found	LID not found Other	eAdipose	Prostate	LID not found	Muscle	LID not found Other	Pancreas	LID not found	Placenta	Pancreas	LID not found	LID not found Other	Pool	Germ Cell	LID not found Other
	Pancreas	433.36 Esophagus	246.56	148.92 Lung	Slomech	- P86		96.66 Lung	Ear	173.27 CNS	245,06 Aprila	123.62 Placenta	546.25 CNS	530.53 Parethyrold	•	Testis		•			3		Cervix		Cersix	654.24 CNS	277,15 Cervix	327.49 Skin	Testis	Adiposo	Maria Nacia	22.62 Pancreas	149.53 Lung	Sp. St.	DESCRIPTION OF THE PROPERTY OF	1000 1700	ns. top for Fooi	Admen		385.62 Pool	110.93 Small intestin	Brain	P80	151.92 Foreskin	Testis	21.19 Brain	Foreskin		96 Parathyroid	CNS	Pool	88.95 Brain	Pooled	Placenta
		e	2	_				22		6	×	4		vo.								17				m	Ξ	ន				Ξ'	ю.	-	÷	34.000	690.43			o	64			14		-		•	4			_		
\$	5. 8	5.8	0:00	5.00	8	8.0	8	0.00	8.0	000	8	8	900	9	2.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00	8.1	00.0	0.00	2.00	9.00	0.00	0.0	8.6	3 8	3 6	8 6	8 5	2.00	3.00	2.00	0.00	2.00	2.00	1.00	00.0	0.00	0.00	0.00	0.0	9.1	0.00	0.0	2.00
l able 24	<u>5</u>	8	1.00	0.00	9.00	9.	0.0	9.1	2.00	2.00	9	000	8	8	8	6.5	8	8.	200	2.00	5 00	8	8.9	8.	8	8.0	0.00	4.00	2.00	0.00	6.00 4.00	9.00	00.	9. 6	8.6	8 6	9.6	8 8	000	000	80	8	8.0	000	2.00	2.00	2.00	1.00	2.00	1.00	0.00	90'1	<b>9</b> :00	0.00
	27.71	8.47	6.40	10.49	21.76	5.1	8.09	5.19	5.78	7.82	5.72	5 01	88	8.09	9.21	6.05	11.62	6.23	7.32	7.61	5.29	5.54	13.36	7.35	8.89	5.62	6.48	7.38	10.65	96.9	14.22	23.42	5.11	99	n 4	9 6	97.5	0 t	7.76	6.92	5.97	6.55	5.83	6.23	13.20	90.6	60.2	11.20	32.25	5.55	6.14	5.91	10.03	11.93
	216.57	1953.21	3028.61	398, 16	426.00	111.38	193.81	55.94	1407.07	45.88	1783.82	140.21	132.01	93.04	449.24	33.55	179.69	172.98	85.83	1177.04	130.91	65.30	61.72	59.84	133.96	49.64	150.86	337.10	45.21	56.30	289.95	75.85	128.29	1531.72	242.38	242.73	92.00.00	332 45	540.10	211.52	1025.19	26.62	1211.40	1740.75	963.30	22.80	2126.95	61.73	354.13	45.40	449.88	22.23	70.55	2089.40
	7.82	230.65	473.38	37.84	19.58	27.78	31.84	10.77	243.53	5.87	308 13	27 07	24.0	18.28	48.78	5.55	15.48	33.07	8.15	154.78	24.74	66.6	4.62	8.14	16.07	8.82	23.27	45.68	4.24	9.45	20.39	3.24	25.12	177.91	50 E3	20.00	240.13	17.12	69.62	30.57	171.67	4.06	207.89	211.56	73.00	2.53	300.18	7.30	10.98	8.17	73.32	3.76	Ž.	175.15
	W31919	AA432081	AA608729	AA128462	AA120866	AA447476	AA173411	T94556	N54145	AA437099	N35894	44151017	Nagena	W37833	197921	AA435988	AA443976	AA056484	AA485869	AA485969	AA053682	AA598983	AA488604	T91098	AA488659	AA129318	AA172039	H81831	AA412443	AA460689	AA487501	AA128407	AA486858	R00130	AA609310	WZ344	Hoese of	W32192	W48575	R08260	N25657	R49650	N54925	W56308	AA621761	H06157	N25338	R27619	R42056	N40180	R15983	R59355	W60473	R21741
	328287	784142	950924	565110	480885	784272	595200	119330	285760	757337	272552	SAR EO1	277083	322033	121580	730742	757205	489109	840470	840514	510397	897722	843058	111735	843278	564896	594946	147834	731445	798227	B39037	528567	841016	122872	1031580	32//48	120549	321310	12411	127192	267865	37367	244859	340737	1030855	44156	265645	133847	31564	276387	129777	37814	338179	130392
	14624	14628	14636	14644	14654	14659	14662	14666	14875	14679	14684	44664	14887	14688	14698	14702	14704	14715	14719	14727	22.5	16731	14735	14738	14743	14749	14755	14.760	14766	14770	14772	14773	14775	14784	14793	14/84	14797	14602	44810	14813	14814	14816	14817	14818	14819	14824	14825	14826	14832	14833	14837	14840	14842	14845

	Other	Other	Whole embryo	Pool	į	Other	8 ,	Garm Cell	Testis	<u>8</u>		Eye	Other		LID not found	Esophagus	Kidney	Overy		Colon	Other	Seva	LID not found	Other	Other	Foreskin	oPod o		Overy	Other	Prostata	Olifer Fores	LOTES		Liferia	a di ci	Oiber	Other		Oper Oper	Whole embryo	O Dage	O Per	Prostate	O Per	Heart	ğ.	Che.	Lib not found	Pancreas	i Con	Deptils	Dieda	
	LID not found Other	LID not found Other	Pancreas	Hoor	:	LID not found Other	lestis	orteart		CNS		Tonsil	LID not found Other		Colon	en e	00	Synovial mart Ovary		Brain	UD not found Other	Blood	<b>Bra</b> in	UD not found Other	LID not found	Pooled	Whale embryoPad		Placenta Ovary	UD not found	Testis	LID not found Other	Prostate	Medic ombologists	Sem Cell	LID not found Other	LID not found	LID not found Other		LID not found Other	·	LID not found Other	LID not found Other	Ea,	LID not found Other	Colon Heart	LID not found	LID not found	E Ve	500 S	LID not found Other	ر الم	sosa	
	CNS	Testis	231.66 Thyrold	Uterus	245.06	Testis	Bras	387.95 Whole embryorleart	577.82 Thyroid	683.81 Gall bladder		CNS	29.21 Brain		8	276.5 Marrow	Parathyroid	319.81 Esophagus			43,69 Brain	Larynx	Testis	Brain	309.19 Brain	Adipose	209.23 Muscle		53.69 Lung	Testis	Cerm Cell	0 G	S CN	192.90	348 03 Mood	381.7 CNS	Hear	482.18 Pool		CNS	366.05 Smooth musc	445.66 Nose	- B	461.43 Eye	128.34 Ovary	98.53 Pancreas	301.37 Eye	627.09 Pool	426.28 Tonsil	Stomach	Testis	Š	X S	
			4		×			<b>o</b>	7	۷			2			<b>Ž</b>		×			7				g		m		11				;	• •	° >	< <u>\$</u>	•	11			17	4		က	~	11	4	စ	<del>2</del>					
2A	00'1	000	901	0.00	0.00	8	0.00	0.00	0.0	0.00	800	0.00	0.00	0.00	5.00	2.00	9.	0.00	8.0	8.0	8.	8.	8.0	8	8	8.1	8.	0.00	9.0	0.0	800	000	8 8	8.8	9 6	8 6	8.0	0.00	1.00	1.00	1.00	0.0	0.00	0.00	1.8	0.00	7.00	0.00	0.00	2.00	9:	0.00	0.00	0.00
Table 2A	0.00	8	0.0	7.00	2.00	0.00	3.00	9.	0.1	1.00	2.00	9.	8.	2.00	8.0	8	8.	<b>5</b> .00	3.00	2.00	1.00	9.0	2.00	1.00	9.1	0.00	0.00	2.00	9.4	2.00	3.00	2.00	9:0	8 6	8 8	8 8	8 8	4.00	2.00	0.0	0.0	8.	5.00 5.00	9.	9.0	2.00	0.00	8	5.00	16.00	0.00	9.6	8 8	<b>B</b> .7
	5.70	989	12.29	8.94	7.80	8.90	8.24	6.48	4.4	51. 80	5.1B	6.69	5.23	6.60	10.28	14.59	5.28	5.89	6.19	8.02	5.01	56.58	7.02	5.56	5.25	6.32	5.08	8.94	9.20	6.88	7.43	7.15	6.05	6.32	9.60 6.60 6.60 6.60 6.60 6.60 6.60 6.60	13.03	5.46	7.40	6.1E	5.04	9.80	6.74	8.14	6.05	<b>2</b> 0.9	5.5	7.60	5.13	8.23	19.83	5.02	11.73	9.90	8.28
	89.85	43.04	101.29	67.51	4144.44	80.08	18.57	59.24	62.82	59.29	35.34	179.72	598.02	368.48	124.06	495.07	41.85	224.00	16.03	21.44	171.71	260.19	272.37	14.11	3511.35	88.32	18.48	89.27	105.55	879.61	43.08	1430.29	57.47	156.07	1540.53	145.78	33 18	118.08	1984.75	151.32	207.35	6391.17	<b>4</b> .9	19.72	185.56	117.03	237.88	3660.65	729.33	168.58	32.60	233.32	51.19	<b>3</b> 5
	15.78	6.27	8.24	7.55	545.65	7.76	2.01	8.14	8.4 4	10.04	5.74	26.86	114.02	55.57	12.07	33.94	7.83	37.40	2.59	3.56	34.27	4.95	38.81	7,	668.79	10,48	3.25	86.6	11.40	127.67	5.80	200.05	9.51	24.68	265.59	91.19	2 6	15.98	321.40	30.02	21.18	947.64	5.52	3.26	36.84	21.11	31.32	713.98	88.62	8.39	6,49	19.89	0.20	22.29
	N63520	AA620359	T86932	W87538	W67368	AA620669	R51514	AA449321	N48050	AA448653	AA704255	AA398365	R61700	AA707321	AA424537	AA694557	AA424534	AA857131	AA778919	AA398267	R61187	AA857101	AA199668	R61231	R61297	AA495835	AA448855	AA705112	AA424562	AA398285	W72671	AA001879	NS0740	W74257	AA598947	W95836	POLICE POLICE	AA001924	H69691	N6419B	AA445661	N23717	AAD04887	AA491457	AA169840	AA143467	AA219172	H72232	AA481788	AA171760	AA431210	AA172056	AA621291	H72279
	278117	103089	115277	343174	343235	1049168	38887	785694	281659	786053	450574	726695	42302	451504	767113	1416782	767126	1434948	452588	726709	42330	1434905	647444	42660	42452	768417	786154	462595	757178	726731	345781	427677	283744	346365	898050	358217	201834	427897	212784	277871	784183	255295	428592	839527	594063	591814	629994	213484	836853	594684	782171	594758	744605	213682
	14840	14861	14852	14858	14866	14867	14872	14876	14878	14902	14904	14906	14907	14912	14913	14916	14921	14924	14928	14930	14931	14932	14935	14947	14855	14857	14958	14968	14969	14970	14982	14884	14987	14996	14998	8	5	15016	15038	1503	15040	15046	15048	15055	15073	15084	15085	15087	15101	15113	15114	15121	15133	15140

Page 67 of 91

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Other	Breast	LID not found	Other	Other	Other	Muscle	CNS	Lung		Pool	Ahole embryol, ID not found	Placenta	Kidney	Tansi	Foreskin		SS	i di	į	i di	Limbinal cord	LID not found		3 Other	Ovary	Foreskin		,,	1 ID not bring	Other	LID not found	Colon	8	1	רום עם נסתעם	Dangrane	d Other	Thymus	d Other	d Other	LID not found	SC CNS	Heart	Spieen Adrenal gland	young not fou	. Bone	Blood		Sary O	
LID not found Other		Tonsil	LID not found	LID not found	LID not found Other	Uterus	Adipose	Spleen	Eye	Foreskin	Whole embry	Pooled	Pancreas	CNS	Parathyroid	Kidney	Nose	LID not round Other	CIO not bound Other	I D not found	Central	P 00	LID not found	Ahole embryot.ID not found Other	Germ Ceil	d Germ Cell	Cervix	LID not found	Hear Lind	LID not found i	Brain	Germ Cell	Teelis	i	8	g cacata	LID not found Other	dEar	LID not found Other	_		_	Aorta	Spleen	Whole embr	S C S C	Pancreas	8		
Testis	27.1 Synovial mem		Eve	Testis	424.67 CNS	487.5 Stornach	437.97 Salivary gland Adipose	85.75 CNS	872.07 Germ Cell	86.81 Pooled	245.06 CNS	15.07 Neural	Pooled	337.25 Spleen	339.35 Placento	Muscle	65.2 Parathyroid		164.67 CNS	2 5	CNO.		200	Whole embn	Kidney Germ Ceil	623.42 Umbilical cor	349.34 Skin	554.03 Brain	Muscle		633.69 Lung	63.98 Skin	Tonsil		Foreskin	104.03 853 71 Ceneir	Forestin	174.53 Umbilical cord Ear	102.24 Parathyroid	245.06 CNS	Cung	481.83 Lymph node	Nose	157.82 Foreskin	474.75	460.41 Placents	Larynx	670.02 CNS	CNS	
	-				7	12	80	4	7	8	×	-		vo ;	=	٠	<b>*</b> 0 ;	<b>≠</b> ;			Ļ	=				▼ ;	9	~	*	<	-	×			4	۰ ۵	•	-	<b>5</b>	×		s		6	₩ ;	₽	•	4		
800	8	000	000	000	000	0.00	0.00	1.00	0.0	0.0	1.00	0.00	0.0	8	8.5	8.0	8	8 9	8 8	3 8	8 8	3 8	8	2.00	0.00	0.0	0.0	8 9	0.0	8 8	00	0.00	0.00	0.00	00.9	0.00	90.0	9	2.00	2.00	4.00	0.00	0.00	1.00	00:1	8	000	8	8	
8:	80 0	8	2.00	8	8	2:00	2.00	0.0	2.00	0.1	0.00	1.00	1.00	1.00	0.00	9.5	8	0.0	8 8	8 8	8 8	8 6	8	2.00	2.00	3.00	8	8 3	8.5	3 5	8	1.0	9.	8 5	90.	9 8	8 8	00.0	0.00	00.0	0.00	5.00	1.00	0.00	0.00	0.00	1.00	0.0	00.0	
5.20	8.79	5.86	5.54	5.41	1.0	7.01	7.93	7.15	5.42	5.15	5 32	5.32	5.37	5.29	5.45	5.54	7.27	17		0.0	5 6		0.20	5.51	1.8	6.44	6.43	6.14	3.6	7.63	6.23	12.15	6.29	11.15	7.82	8.26 50 55	3.5	5.07	11.48	9.14	45.9	19.22	7.89	10.53	5.09	6.03	6.04	7.54	520	
51.11	123.82	506.21	30.43	340.33	139 37	150.63	265.88	173.86	16.95	57.94	683.48	43.55	85.86	742.30	93.81	80.68	180.85	192.04	1.21	73.00	329.00	317 18	133.20	1105.18	89.03	76.31	2086.08	67.12	1464.63	159.77	25.72	137.74	60.35	8.16	73.50	138.18	1302 54	81.94	1402.23	482.61	95.54	115.96	74.55	302.90	2443.33	205.07	37.15	235.64	34.87	
9.82	18.71	86.33	6.49	62.94	27.25	21.48	36.06	24.33	3.13	11.24	128.49	8.18	16.00	140.20	17.20	4 56	24 86	27.02	1.22	78.7	8 8	38.53	14.34	200.57	7.43	9.04	325.85	10.94	12.45	21 63	4.13	11.33	8.01	0.73	9.40	16.72	74A 2A	16.17	122.09	56.84	14.61	8.83	9.45	28.77	480.32	2.5	51.5	31.28	29	
AA460147	A0017W	N62271	AA174108	A4431771	N62712	AA148862	AA457517	AA489463	R40031	AA479952	AA461317	AA458993	AA410345	N55361	AA408599	AA456318	AA419608	N38950	N57483	AA426511	103070	AA 190260	N57906	AA461090	AA456001	R83757	AAS99311	R45550	AA453779	R43627	R45692	AAB65729	AA456036	AA453802	AA456044	H/0//5	N22897	N78903	W57733	N68970	AA487563	AA190825	N23651	N73011	W45025	AA047462	AA159994	N49850	W42746	
795857	146711	290227	609950	782488	288961	566440	638476	697422	27404	753626	796328	814268	753386	245883	753684	813169	752625	243347	277327	780/0/	60770	726483	247.177	796155	612098	187814	1091543	35147	813719	76842	35728	1469234	812172	813748	812175	214008	268697	300024	321958	289168	841670	627401	254562	291691	322928	488409	582771	282475	323269	
5142	27.5	5147	5153	5154	5155	15156	5165	15167	15171	5176	15182	15190	15191	5205	5208	5215	15223	5225	5229	575	1976	5243	5281	5262	15265	5268	15292	16294	23.4	9779	5334	5335	15337	5341	15345	8	2000	5372	15376	15388	15394	15402	15403	15404	15408	5430	15432	15439	<u>\$</u>	

age 68 of 91

441.55         761.62         5.37         0.00         1.00           40.50         761.62         5.37         0.00         1.00           27.29         416.52         14.69         5.10         0.00         1.00           27.29         416.52         14.69         2.00         1.00           27.20         416.52         14.69         2.00         0.00           25.44         21.25         10.44         5.00         2.00           25.45         20.52         1.04         5.00         2.00           25.46         20.52         1.04         5.00         2.00           25.58         25.87         1.04         5.00         2.00           25.58         25.87         1.04         5.00         2.00           26.50         27.74         0.00         2.00         2.00           27.48         28.57         7.41         0.00         2.00           27.52         28.57         7.42         0.00         2.00           27.54         27.59         7.42         0.00         2.00           27.54         27.50         0.00         0.00         0.00           27.54         27.	Table 22           141.85         761.62         5.37         0.00           141.85         761.62         5.37         0.00           141.85         774.85         5.10         0.00           27.86         416.52         7.49         0.00           27.88         416.52         1.48         0.00           25.88         416.52         1.48         0.00           25.89         416.52         1.49         0.00           25.81         1.03.62         1.74         0.00           25.81         1.91.83         1.71         0.00           17.31         131.39         1.77         0.00           17.40         9.97         7.37         0.00           17.40         9.97         7.31         0.00           17.41         3.99.86         1.13         0.00           17.42         3.89.80         7.42         0.00           17.42         3.89.80         7.74         0.00           17.44         3.89.80         7.44         0.00           17.45         3.89.70         7.44         0.00           17.45         3.89.70         7.44         0.00		1 142.28 CNS LID not found Other	4 201.92 Adrenal gland Whole embryoUterus	Colon Pancreas Parathyroid	_	Eye LID not found	Esophagus		16 22.96 Lung Lib not found Other			CNC TREAT	i di serie	Poreskin	Parathyroro Pandreas Eye	Danger 4		Pool LID not found (	11 Parathyroid	18 247.79 Foreskin Brain Breast	found	-	nta .	LiD not found	lestis			-	387.35 Pool UD not found		12.07 Nose	Pool		Testis		Testis LID not found Other	Lines to Cit	245 06 Pool	- Bunj	639.73 CNS	Ignore Colon	Ear	_	Parathyroid	e de la composition della comp	Aoria CNS	Pooled Eye	hagus Spieen	CNS	ς,	Curg lesis	4 671.55 CNS 18508 Eye
141.95 781.62 10.49 32 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 774.38 776.52 78.54 17.91 17.92 17.93 17.9	NBB001 141.85 701.82 AA458402 119.03 774.36 AA458402 119.03 774.36 AA458402 119.03 774.36 AA458402 119.03 774.36 AA458403 2.5.44 116.28 AA133395 2.5.44 116.28 AA133395 2.5.44 116.28 AA133395 2.5.44 117.91 113.93 AA4588515 20.5.87 1587.03 17.46 38.97 AA46886 1.5.8 12.8.5 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8	Table 2A	0.00	1.00																																																	
141.95 141.95 14.9	N85001 141,35  AA411240 0-48  AA412407 7,08  AA412407 7,08  R33963 25,44  AA113395 5.88  AA013395 5.88  AA013395 2.64  AA113395 1.791  WA73781 17.91  WA73781 17.91  AA413390 17.46  WA62881 1.024  AA113390 17.46  WA6289 1.06  AA113390 0.024  AA113390 0.024  AA113390 1.024  AA113390 1.024  AA113390 1.024  AA113390 1.024  AA113390 1.024  AA118535 1.024  AA118535 1.024  AA418639 1.024  AA418639 1.024  AA418639 1.024  AA43917 1.039  AA43917 1.039  AA43917 1.039  AA418402 2.233  R31401 1.039  AA418402 2.233  R31401 1.039  AA418402 2.233  R31401 2.35,50  R00681 1.039  AA418402 1.36  AA418402 2.233  R31689 1.1028  AA418403 2.233  R31689 1.1028  AA418403 2.233  R31689 8.52  AA418403 8.52  AA418403 8.52  AA418403 8.52  AA418403 8.52  AA418403 8.52  AA418403 8.52																			_				•	•																												
######################################	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z		141 85	4	109 03	27.98	99.99	25.44	20.84	5.88	205.87	28.51	17.91	9.38	17.48	8	138.20	35.03	7 S	1276.25	32.33	28.25	47.38	133.56	13.59	23.66	5 154.72	3.57	55.10	8.73	48.47	21.53	15831	41.08	1.42	47.04	13.77	76.11	369.23	93.00	10.38	7.5	42.85	235.50	7		~			<b>8</b> 0			

age 69 of 91

Table 2A	00.0	3.00 B 300.32 Cervix	0.00 1.00 2 97.87 Parathyroid Breast	0.00 2.00 LID not found	2,00 0,00 5 283.48 Eye	2.00 1.00 B 114.62 Tonsil	2.00 5.00 CNS	1 00 0.00 CNS	3.00 0.00 Pool	2.00 0.00 10 188.13	1.00 0.00 Mnote embryof	0.00 1.00 . Muscle V	1.00 2.00 18 162.07 Blood Whole embryol	0.00 1.00 10 45 Kidney CNS	2.00 0.00 Cervix Heart	0.00 2.00 3 732.12 Parathyrold Ovary	1.00 0.00 Pooled Blood	8 8	Print local Local Control Cont	DOC 00.0	17.22 Thymus Synovial mem (	Condit	Skin Pooled	100 000 Adrenat cland CNS	1.00 0.00 VAndle embryoTestis	1.00 0.00 Bone Muscle	0.00 1.00 21 217.43 Thyroid Foreskin	0.00 4.00 14 219.18 Testis Prostate	1.00 LID not found	2.00 0.00 4 437.81 Splean Germ Cell	6.00 Colon Brain	3.00 0.00 15 144.49 ·	4.00 0.00 5 b10.42 Gall bladder Colon 5.00 Adhosa Cervix	0.00 3.00 Lung Testis	6.00 0.00 X 244.36 Blood CNS	1.00 0.00 7	1.00 0.00 7 133.06	3.00 0.00 Pooled	2.00 0.00 5 355.29 Paol LID not found	0.00 Smooth musc CNS	1.00 0.00 Testis	0.00 4.00	0.00 3.00 Pool LID not found	0.00 1.00 Ear Pooled	0.00 Stomach	0.00	1.00 0.00 11 252.96	1.00 0.00 Ovary Pancreas	2.00 0.00 X 295.78 Whole embryokidney	0.00 1.00 X 88.99 Colon (	0.00 1.00 Pool LID not found	5 88 2 00 0.00 Colon Testis Brain
		40		•	5	60				2			82	2		e	•	96	•	÷	. 4	•					2	=		4		ŧ.	^		×	_	^		un								Ŧ		~	^		
<b>8</b> 2	900	300	00.1	2.00	0.00	1.00	9.00	0.00	000	0.00	0.00	1.00	2.00	9.	8.0	2.00	8 8	8 8	3 8	3 8	8 5	3 5	8 6	3 6	00.0	00.0	1.00	₩.00	1.00	0.00	0.00	0.0	0.00	3.00	0.0	0.00	0.0	00:0	0.00	5.00	0.00	4.00	3.00	1.00	5.00	9	0.00	0.00	0.00	9	9.6	900
Table	9.	800	88	8	200	8	2.00	8	300	2.00	1.00	0.00	1.00	0.00	2.00	00.0	8	8 8	3 8	8 8	8 8	8 8	9 5	8	8	8	0.00	0.00	1.00	2.00	8.00	3.00	8.6	00.0	0.9	1.00	1.00	3.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0	8	1.00	5.00	0.0	80	8
	5.62	6.32	707	66.5	6.16	6.65	11.91	5.13	69.8	5.73	10.23	17.10	5.82	5.73	9.15	8.24	5.32	6.47	9 9	13.14	9 9	2 0	2.5	. e	9	25.10	5.77	8.04	5.48	6.65	21.31	00.9	15.43	2.4	13.99	5.97	5 13	11.68	5.75	5.96	6.40	69.9	7.67	5.30	5.36	7.46	5.26	6.58	67.78	6.03	5.37	88.5
	301.95	79197	282.34	802.08	500.26	5.10	250.88	36.46	44.59	125.16	105.79	147.49	890.95	124.24	1467.32	251.92	68.22	2332.06	20.72	1731.63	28.1.21	20.70	146.53	74 93	86.33	105.46	406.39	937.30	48.09	35.15	8928.18	129.21	77.38	578.60	189.67	69.67	3258.35	495.61	489.92	377.14	68.83	94.75	275.50	10.17	252.45	108.86	20.23	244.02	491.44	31.68	137.42	148 71
	53.69	68 20	30 05	133.98	81.15	15.29	21.06	7.10	5.01	21.85	10.34	8.83	153.08	21.67	160.45	40 35	99.9	360.37	9	30.76	74.107	0 0	2 5	42.47	1 6	239	70,39	116.52	8.44	5.23 82.33	465.83	21.52	8 5	86.47	13.56	15.03	635.67	42.42	85.25	63.28	10.75	14,17	35.90	13.41	47.10	26.41	3.85	37.10	7.25	3.85	25.60	24 97
	AA007826	1414889	A7424	N52039	185434	164795	V52337	N64762	AA010611	N49717	AA463221	AA176508	AA443695	N56892	AA179392	AA464972	AA609473	AA434482	N22033	195320	W10204	********	743696	NA 9CD3	AA461091	AA620697	AA609463	AA437124	T98287	AA410383	AA100874	AA620995	N57535	AA670678	AA193579	AA417994	AA621361	AA479362	N58278	N40211	AA606824	N68578	H77614	AA476962	AA453435	AA452802	R45970	AA865464	R38505	R45976	AA455041	A4125116
	429447	288421	_	322020		218961	284457	284545	430313	243802	797042	611269	784010	277508	612613	810112	1031592	638003	20100	120528	322300	137.190	207720	20136	798159	1049185	743588	757365	122088	753784	511952	1058172	279936	404874	868029	767456	1033342	753957	247862	276441	1030618	292637	214179	753993	768213	768526	35681	1470048	26759	35788	812242	769500
	5788					5822	5827	5831	5832	5843	5846	5849	2850	5862	5865	5870	5880	5882	8	5883	7.00	566	200	9909	5910	2920	5921	5922	5924	5926	5927			900		5943	5930	5852	15957	15977	5982	5986	5993	8008	6019	10031	16046	16055	16058	16062	15065	4 EDB 7

age 70 of 9.

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		Foreskin	LID not found		LID not found	Foreskin	:	LID not found		Dog S	one.	Lymph	00.00	Other	невц	Parathyroid	LID not found	Other	Parathyroid	Whole embryo	00	Whole embryoParathyroid	LED not found	P 00	Kidney	Kidney	1 Other		Foreskin		1 Other	d Other	Hear	Other	d Other	/oOvery	LID not found	P 00	Uterus	ייים ומיים לוכן בייונים ומיים ומיים		Whose emo		G Torisii	yourerus			o Cine	CIT) and the following	d Other	d Other	d Other	d Other		S S S
		Placenta	Testis		Brain Grain	Toneil		Brain		Color	LID not found Uner	Placenta	Whate embryopool	LID not found	Torisi	Germ Cell	00	UD not found Other	Cvary		Colon	Whole embry	okung	Placenta	Eya	Testis	LIO not found Other	Testis	Esophagus		LID not found Other	LID not found	Brain	LID not found Other	LID not found	Whole embryoOvery	Placenta	Eye	Lung	2013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LID not roun	Forestan whose	רום ופו ופתו	Adrenal gland Tonsil	vanore emoryouterus	Lympn Library	ייים זמי טורו	LID not round Ciner	00	LID not found Other	LID not found Other	LID not found Other	LID not foun	LID not found	Prostate
		197.2 Parathyroid	499.2 Brain		511.72 Pancrees	162.89 Blood		Tonst		374.6 Ear	333.64 Nose	Pooled	SAS	45.93 Parathyroid	•	111.13 Thymus	. •	CNS	11.91 Pooled	148.01 Aorta	358.37	703.17 Thymus	Whole embryolung	341.05 Pooled	402.09 Germ Cell	108.43 Gall bladder	CNS	Ulerus	44.4 Neural	878.07	245.08 Testis	32.73 Pool	Ulerus	379.B3 Pool	316.02 Colon	390.78 Ear	Cark	167.12 Pancreas	75.41 Parathyroid	263.38 Tonsil	103.35 16505	BLO.	DOL	102.53 Gall bladder	233.5 Pooled	e i	8 1	ı,	39.19 Testis	P00-	227.19 Pool	271.02 -	130.93 Brain	153.98 Pool	74.75 Broast
		ጸ	4		7	N			ı	<u>,</u>	<b>6</b>			=		<b>6</b> 0		1	02	<b>-</b> -	<b>6</b> 0	~		ţ	8	so			φ	-	×	-		S	1,	∞		-	-	- •			!	11	7				œ		5	6	I	-	×
Table 2A	0.00	0.00	9.	0.0	1.8	8	800	000	0.00	800	000	00.0	- 6	9.	0.00	0.00	8	0.00	0.00	3.00	6.0	000	0.00	1.0	5.00	2.00	0.00	0.0	0.00	0.00	0.1	0.0	1.00	3.00	0.1	0.00	0.0	<b>6</b> .0	8	8 9	8 8	8 9	8 5	0.00	000	9 9	3.00	90.0	8.0	8	2.00	8.0	8	8.0	1.80
Tab	8	8.	800	8.8	8,	8	8	8	8	8	28	8	8	80	9	8.	8	28	38	0.00	0.00	1.00	8.	0.0	0.0	00:0	2.00	8.	8	5.00	2.00	4.00	0.00	2.00	0.00	5.00	2.00	4.00	<b>9</b> .00	9:0	9.0	1.00	2.00	1.00	1.00	00.0	0.00	9	<b>1</b> .00	0.00	0.00	1.00	0.00	9.	0.0
	6.76	5.08	38.75	20.05	5.18	6.19	5.31	6.85	6.91	6.02	6.77	5.20	12.07	5.20	5.30	9.23	7.43	7.22	7.13	6.28	6.37	5.23	22.03	20.53	6.62	5.15	8.69	7.74	5.63	8.10	6.30	11.24	6. 4	8.78	6.45	8.67	5.51	14.28	13.87	0.9	11.96	9 10	5.27	6.10	9.00 10.00	3	 	5.68 5.68	7.17	5.28	5.52	5.39	5.34	5.16	90'9
	63.64	148.49	158.41	135.95	7.40	134.32	48.14	10.69	51.38	58.78	1569.52	39.55	171.58	81.85	184.88	69.85	59.11	1218.43	51.82	387.67	750.27	141.67	181.10	257.51	328.85	313.84	40.05	39.05	549.50	1425.30	492.69	80.34	1097.38	668.70	40.28	171.97	854.15	11.45	49.29	3431.32	181.33	2915.09	259.02	53.77	31.12	652.97	274.86	208.53	32.74	399.75	2018.96	1735.00	1111.72	2136.82	61.89
	9.42	29.34	4.09	6.78	1.43	26.00	9.06	1.56	7.44	9.76	231.79	7.60	14.22	15.77	34.87	7.57	7.90	168.77	7.28	61.73	117.75	27.10	27.9	12.54	49.64	60.91	4.61	ŝ	197.61	175.91	78.23	7.15	213.29	68.12	6.24	19.94	155.10	0.80	3.55	582.33	15.16	471.01	49.18	8.82	5.52	129.64	<b>4</b> 8	38.74	4.57	75.71	365.60	322.08	208.26	414.28	13 44
	AA701844	AA864524	R46000	AA873885	R37467	AA407044	AA702973	R15922	AA703449	AA167382	N25085	AA101954	AA447480	N90218	W46341	AA149987	W47418	N48794	AA455275	W494B7	AA132172	W37418	N90704	AA181767	N26899	N90774	N49005	AA609392	AA191426	AA486277	AA416984	H71242	AA074079	H72643	AA132660	AA164782	R63714	AA159497	AA417355	R36138	AA401438	W93544	H78411	AA064869	AA461490	AA481795	R00835	AA136540	AA417252	T64898	R89471	W42450	R42218	H63241	H04789
	435934	1470530	35804	1475595	27277	823575	447167	53331	450152	595697	254749	510688	784276	305556	323806	566597	324322	279484	810027	324983	588139	322005	306384	613237	257206	303110	279703	743481	626848	842840	730858	214624	531459	232912	587268	595001	139304	592403	731198	197838	743187	357190	233627	529118	786671	838874	123585	565947	731202	68734	201213	323041	29583	208789	43733
	15072	15079	16086	16087	16090	18117	18120	16123	16128	16130	16131	16134	16147	16148	16152	16174	10176	16183	16188	18192	16202	16203	16204	16206	16211	16220	16223	16228	16231	16235	16238	16248	16263	18284	16269	18271	16279	16281	16285	16288	16298	16303	16304	18305	16313	16315	16316	16317	16318	18321	16325	16326	16336	<u> 5</u>	16351

Page 71 of 91

	Other	Other	Pool	LID not found	Other	Lung	Kidney	Dienia Commen	יים שמו נכתום	Whole embryoully not round	Cther	Prostate	P00	Parethyroid	8	8 .	Piscenta	oBrain	Rrain	Cae	CIO not found		8 .	a C	Parathyroid	Foreskin		Foreskin		Whole embryo	Hear	Testis CID right admit	. Officer	500	Brain	ol ID not found	Pool	Blood	Pool	LID not found	LID not found	Parathyroid	Ovary	LID not found Other	. :	Kidney	, S		Eun 3		8	Расеща	Parathyroid
	LID not found Other	LID not found	Eng.	Pool	LID not found	Pool		ner Adipose	8	whole embryo	DUDOL DOL CITY	Whole embry	Brain	Foreskin Parathyrol	Cun 3	Plecents	Pooled	Whole embryoBrain	Spisen	LID not found	9 6	<u>s</u>	רעש)	CIU not found	Speed	/oColon	Lung	20000	LID not found	80.50	Frostate	Toetie	ID not found	Topei	Colon	Whole embry	Head	Stomach	Bresst	Heart	<u>8</u>	Thyroid	Ey6	בוום מסן לפרום	Ş G	Parathyroid	Breast	בונה חמר זמנה	Eye	,	Pancreas	neworta	Stomach F
	101.02 Pool	449.86 Brain		Peripheral ne		92.24 Placenta	oreskin		1631		Stain		Cldney	39.72 Thyrold	Diyroid	=		Lung	Ş	Te385	_		Kidney		Cervix	Whole embry	ê			144.58 Pancreas	60 E		209 24 Prod.	Tantia	1917 Kidney	Colon	675.77 CNS	SKI	105.6 Lung		Testis		_				<b>1</b> 2	48.08 POO	545.43 CNS	201.71	285.97 Germ Cell	391.77 Small intest	463.73 Thyroid Stomach
	-	•				<b>9</b>	7 1	٠,	0			m		æ	ო	1	,		8		!	Ę					i	4 1	ũ.	2			·	7			7		7			12		60		1	٠,	Đ ,	~	4 ;	ភ្	m ,	- 40
9 ZA	2.00	0.00	0.00	8.4	5.00	2.00	8.	8.6	8	8	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.0	6	00.0	90.0	00.7	8	000	8	200	8.8	8	8	0.0	000	8 6	3 8	8 8	8.8	8 8	8	8	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90	0 :	1.00	0.00	1.00	2.00
Table 2A	00.0	2.00	1.00	8.	0.00	90.1	0.0	2.00	2.00	0.00	1.00	0.00	5.00	1.00	9.	8	8	<b>1</b> .00	0.0	8	8	8	8	2.00	9.0	9.0	8	5.00	0.00	1,00	2.00	8 5	9 5	8 9	3 5	9 5	900	0.0	6.9	5.00	1.00	9.	6.	2.00	8.	8	8	8	8	8	8	8	17.00
	6.03	5.62	5.71	10.80	5.28	6.31	6.37	5.62	6.41	6.13	5.88	8.21	6.48	5.47	5.73	0. 2	6.41	9.81	5.42	6.56	6.08	87.95	5.48	13.38	5.58 8	6.69	7.70	9.58	8.46	8.58	47.64	6.28	U	70.47	5	9 4	6.81	8.77	7.12	11.44	8.00	5.16	6.75	5.77	12.13	13.12	8.24	9.70	6.16	6.98	26.82	12.80	5.42
	467.59	378.58	48.45	728.00	642.34	89.83	25.85	20.48	58.99	111.38	19.33	1224.89	50.13	129.22	97.62	17.36	27.50	67.80	83.87	241.60	31.53	148.03	15.78	78.61	286.40	564.13	813.61	68.47	359.85	70.07	257.50	46.12	445.09	143.00	32.13	27.30	58.88	448.88	72.52	354.57	333.70	44.26	106.92	3892.85	99.35	116.50	42.88	133.36	27.79	176.24	338.28	224.18	1239.90 662.63
	80.90	76	84.8	67.42	159.60	17.23	8.08	3	9.30	18.17	3.29	149 27	7.74	23.63	17.05	2.63	8.45	6.91	11.78	36.84	5.19	1.68	2.68	5.67	61.65	81,82	105.64	7,15	42.56	8.16	5.41	7.37	8 8	3 :	1 2 2	47.5	3	51.18	10.19	30.98	55.81	8.58	15.85	639.84	8.19	9.00	5.20	15.32	4.51	25.24	12.54	17.51	14.01
	H66122	R81821	R45832	AA002258	H81936	H06282	H99362	R60014	AA425056	AA452118	R60135	AA452130	AA598594	AA452134	R60044	AA810225	AA424920	AA452250	AA598825	AA398355	AA425543	R61372	190789	AA398430	AA598679	AA461318	N\$3670	AA480961	W86445	N62852	AA055768	AA100293	AA609556	N62434	AR412047	A 4 4 1 7 1 2	H82435	AA464698	AA487458	W8465B	AA608775	AA488538	AA427737	NB3777	AA443140	AA496884	AA151621	R01246	NS2735	R23270	AA426025	R92801	N46353 AA453783
	233942	4233	35620	427778	239943	44092	262282	42803	768536	786534	42807	786537	898204	786545	42816	1367900	768953	786580	898227	726858	768961	37980	111489	726889	698259	796330	247840	786117	416644	292531	510576	511060	1031698	2821282	129836	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	240148	810217	841621	415712	1030649	840937	770854	293056	796723	195,168	503234	124130	288019	131452	757244	197056	279306 613730
	18357	18375	16400	16402	18405	16408	16409	16415	16421	16430	16435	16438	16439	18454	16467	16472	16477	16478	16479	16482	16485	16489	16500	18508	16511	16538	16547	16562	16588	16611	16812	18815	16616	18619	16520	7001	16836 1836	16637	16638	16644	16648	16851	16655	16659	16689	16678	16679	16684	16685	16899	16701	16703	16713

Page 72 of 9

	Other	Other	Other	Whole embryo	Cine	·	Other	Pool	Other	Heart	Other	Whole embryoLID not found	Whole embryo	Olher		Breast	P80	1013	, and a	5	3 6	3 5	Breast	Other	LtD not found			Brain	Eye	Call blackler	Parathyroid	Testis	Other	:	LID not found	Eya	110 port france	Salon	LID not found		Muscle	Whole embryo	Testis			Dung toning	LID not found		B 0	Other	
	LID not found	UD not found Other	LID not found Other	Heart	CID not found	Prostate	LID not found Other	yoTestis	LID not found Other	Lymph	LID not found Other	Whole embryo	Borne	LID not found Other	,	yoBrain	Hoer	Isaa.o	radio barat tan Oi t	Manual among Manual Control	Enrockin	Road	Brain	LID not found Other	P00-		LID not found	Lung	Germ Cell	Fooded	CNS	Kidney	LID not found Other			Brain	Toefie	Panchass	Testis		Placenta	mem Parathyroid		Testis	LID not found	Hear	Kaney	LID not found Uther		LID not found Other	
	Testis	CNS	Cervix	Adipose	516.49 CNS	501 80 Brain	Eve	75.63 Whole embryoTestis	337.96 Pool	210.72 Pancreas	Brain	Neural	127.28 Thyroid	179.58 Brain		74.01 Whole embryoBrein	155.35 Kidney	64.36 PIBOENIE	i	ie d	, de 19.3	SNC SOS	238 05 Germ Cell	117.35 Brain	Kidney	•	250.83 Brain	. !	742.57 Brain	287.58 CNS	250 71 Dodged	697.77 Eve	Brain		527.46 Esophagus	154.34 Noural	330.30 Synovisi mem	74196 Testle	CNS	599.03	64.16 Pooled	æ	92.4 Colon	191.31 CNS	Ψ.	<u>8</u> 1	Testis	Pool 10 050		31.88 Pool	
				ı	~ 0	0 1	•	8	· <u>-</u> -	8			m	-		7	r 1	<b>3</b> 3				ţ	1 0	. =	:		12		<b>7</b>	≺ :	<u> </u>	ח מ			1,	≂ :	2	c	•	90	9	23	12	16				u	٥	20	
Table 2A	3.00	80	80	8:0	5.8	8 8	8 8	90 6	8	000	8	200	0.00	2.00	000	1.00	0.00	0.00	0.0	9.6	90.0	3 5	8 6	8 8	000	901	0.00	00'1	8:0	8 8	8 8	3 8	8	9.1	0.0	8.6	8 8	8.5	8 8	2 2	8	0.00	0.00	00 0	2.00	2.00	0.0	8.5	9 6	0.00	
Tabl	0.0	1.00	0.0	5.00	8	9.5	8 6	8 6	8 8	8	8	8.0	8	8	2.00	8	8	8	90.0	3 8	8 6	8 8	3 5	3 5	8 6	0	9.	0.00	3.00	9.6	9.5	3 8	8	0.00	8.	3.0	8 8	3 5	3 5	8 8	28	8.	9.5	90.7	0.00	00	9.	9.5	8	8 8	:
	6.45	17.76	2.67	13.25	5.91	9 G	27.52	8 24	5 59	5.27	5.51	5.62	7.17	5.88	8.06	5.25	12.70	5.27	5.85	9.0	0 0 0	2 C	20.5		2 99	5.45	17.54	2.	8.8	16.80	35.12	5.61	7.17	8.18	5.05	6.37	2 3	¥ 5	0 E		- 40	5.29	5.30	43.41	6.59	5.73	5.48	6.81	5.09	6.29 5.80	:
	439.99	183.72	489.86	118.63	63.65	74.13	258.67 633 73	1000	351.08	24.96	12.08	2363.88	255.78	214.31	45.64	33.03	37.58	56.92	486.00	82.56	747.28	31.36	22/.04	£3.04	28.08	428.08	203.87	34.96	23.32	169.12	697.63	122.89	42.44	80.00	2447.39	70.28	113.58	28.83	4004	1483 03	212.05	584.25	52.38	275.05	469.49	40.11	80.49	1000.79	487.57	26.97 186.64	
	68.21	10.34	88.40	8.96	10.90	8.38 3.38	20.5	42.15	53.28	474	2.20	420.29	35.87	38.42	7.53	6.30	2.96	10.81	81.62	6.55	147.22	3.8 28.5	6.03	2	5 7	8 8	2	5.27	2.34	10.07	19.86	2,5	5.92	12.94	484.82	£	9 :	 	25.5	20.00	24 82	110.48	9.83	6.34	71.25	7.00	14.68	151.49	97.68	31.61	· •
	AA608923	N46845	AA197344	AA478818	N63529	AA478623	R54443	MARKE A	N84074	R85537	R49592	R40357	R40377	R15946	AA777837	H25223	AA872602	AA496957	AA703392	R40967	R40983	R16146	AA873604	18081	A 8858205	AA704468	R41389	R16144	H92234	AA496984	AA858028	AA464603	R48033	AA704492	N27028	AA490044	AA399633	W57787	AA421018	A4420380	AA173408	AA476258	N29778	N47075	AA136541	R09504	AA401347	R07268	AA063577	AA417356 H95869	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	1030543	278178	627588	754101	278168	754128	38189	63866	201074	180179	47205	28705	29030	53031	448514	161172	1323328	823615	450080	28958	29077	53158	1323448	1677/1	37505	450710	29251	53061	221828	823647	1323591	612971	28391	450745	257926	839682	729924	340904	731348	1312/3	404.80	772962	259627	280108	555949	127711	742586	126810	360035	731193	
	16728	27.72	18730	16738	16757	16788	16783	99/91	10/01	1000	8081	1830	16818	16819	16824	16828	18831	16837	16848	18850	16858	16859	16863	15556	10070	10078	46882	16883	16884	16885	16887	16889	16891	16896	16907	16910	16918	16928	16934	200	16083	16971	16979	16983	16997	17004	17010	17020	17025	17030	2

Page 73 of 91

	Heart		dMuscle	1 Other	1 Other	bons for our	Other	28	Brain	d Other	d Other	LID not found	LID not found	vendle emaryo	Pooled	d Other	d Other	•	d Other	LID not found	d Other	LID not found	Breast	Utenus	Slomach		Brain	Other	Breast		Ulerus	Whole embryo		whole embryout D not round	varous emoryo	ord Placenta	nd Other	LID not found	LIO not found	Kidney	nd Other	nd Other	nd Other		Brain		Heart	CNS	8	nd Other
	d CNS		Umbilical cord Muscle	LID not found Other	LID not found Other	200	LID not found Other	Coto	Skin	UD not found Other	LID not found Other	Testis	Testis	S	Blood	Whole embryal ID not found Other	LID not found Other	ord Muscle	LID not found Other	ryolestis	LID not found Other	nyoBrain	Eye.			LIU not round Ouver	Kidoev	11D not found Other	Brain		Ovary	Tonsil		Whole emp	Breast	ovoUmbilical co	LID not found Other	Brain	oryoBrain	Prostate	LID not found Other	LID not found Other	LID not found Other	LID not found	Testis	:	Tonsil	Larynx	cye	LID not found Other
	Adrenal gland CNS	577.03	438.74 CNS	37.19 Pool	Placenta	, per		Testis	429.92 Ear	Eye	Testis	gun,	Brain	230.58 Stomacn	72 01 Bone	Whole embi	648.46 Brain	Umbifical cord Muscle	90.55 Foreskin	Whole embryolestis	Foreskin	-6.83 Whole embryoBrain	438.11 Brain	Pooled Pooled	238.35 Smooth musc	168118	A7 44 Breast	Preio C	63.51 Eve	•		Breast		390.27 Ear	Kidney	569.46 Whole embryoUmbilical cord Placenta	Testig	Kidney	278.4 Whole embryoBrain	Lymph	250.6 CNS	SNS	<u>8</u>	284 S4 CNS	411.43 Heart	397.63	•	71.09 Ignore	snuero es uco	135.17 81.66 Pool
		c	<b>v</b> n	23					•				,	13	٩	,	8		^			ç	ø		8		ĝ	2	80					o		9			19		19			<b>o</b> n	~	-		<b>\$</b>	,	5 <b>=</b>
ZA	00.1	00.1	1.00	2.00	0.00	0.0	9.6	2 00	8.	3.00	0.00	4.00	8.5	9.6	8.6	9 6	000	3.00	8	3.00	4.00	0.0	000	9.00	86	2.00	8 8	8 5	8 8	0.00	6.	8.	3.80	1.00	8.8	8 8	8	2.00	1.00	8.	2.00	1.00	1.00	0.00	0.00	0.00	2.00	0.0	9.9	5.00 5.00
Table 2A	2.00	000	0.00	0.00	1.00	5.00	9 9	3 2	8	0.00	1.00	0.00	0.0	00.0	3 5	8 8	00.1	000	0.00	0.0	1.00	1.00	2.00	8	8.5	8.5	8 8	8 5	8 8	1.00	0.0	0.00	<b>0</b> .00	0.00	5.00	3 8	9	0.00	1.00	0.00	0.0	0.0	8.	8.	5.	8.	8	8	8 9	5.80 5.00
	8.51	8.36	5.22	5.95	5.55	8.05	999	2 S	35.	6.97	5.56	6.02	6.10	900	či v E Š	2. 2	7.38	7.31	7.48	6.58	6.34	5.47	6.58	65 65 65	9.68	96 ( 96 (	12.64	5.5	15.96	5.21	8.52	6.25	6.73	10.29	5.33	5.50 5.00	15.12	7.66	13.14	14.92	5.29	5.41	6.70	5.68	7.50	78.12	5.88	5.19	69.0 10.0	7.81 6.78
	279.88	7	443.07	548.81	126.75	115.50	78.20	209 97	21.51	354.88	74.55	568.08	325.11	339.22	330.83	95.11	63.36	589 10	84.55	1480.29	107.88	312.38	1889.50	28.74	92.16	107.70	98.08 80.08	4.0.30	64.75	56.03	71.79	63.98	69.01	105.14	125.57	156.65	00.	251.84	145.52	158.37	1002.12	468.12	28.99	61.79	81,18	459.69	903.34	90.38	135.88	334.16 220.97
	32.68	16.04	84.85	92.20	22.84	Z :	13.52	22.60	88	50.89	13.40	70.80	53.34	67.21	5.5	2 2	7.35	77 RA	11.34	224.97	17.01	57.13	267.32	5.15	0.62	12.03	9.7	3 5	. e	10.75	8.43	12.20	10.25	10.22	8 8	27.0	6.22	32.88	11.08	10.61	189.39	66.50	4.33	10.92	12.16	90.0	159.00	17.41	22.82	43.93 32.58
	AA589122	AA143070	H69538	H75737	R31789	AA416552	AA191480	AAE00365	R80731	AA015663	AAB21047	AA400194	R61796	AA453759	K413/8	133714	B48572	AA055474	H97889	AA621480	H97970	R49102	R61390	AA478478	AA598970	AA398431	AA759046	AASBOSBI	N55481	AA426309	AA398384	AA598828	R59370	AA451890	AA598841	AA725564 AA451911	AA398757	H05037	AA463449	AA598574	N58234	N59267	W86779	N59289	AA024494	AA463230	AA025274	AA427854	W87749	AA046939 H93081
	62,705	588960	212458	233174	134869	730970	627252	743445	42225	360428	1058217	742717	42325	813698	79237	2003	26.24	1775.0	251404	1055261	251406	38588	37883	786803	898276 -	726893	1321598	6828283	246070	769024	726934	898318	38028	786869	898332	1343732	727137	43176	811757	1069733	289480	289770	418808	289774	364898	797054	364932	773511	417229	376866 241801
	(7033	7053	17056	17064	17068	17075	17071	090/1	17112	17114	17115	17118	17124	17135	17144	17.43	17157		17173	17179	17181	17184	17187	17190	17191	17194	17200	1027	1727	17221	17226	17238	17243	17248	17247	17248	17266	17267	17269	17271	17283	17299	17300	17307	17320	17327	17328	17338	17340	17350 17358

Page 74 of 91

		ate	9		_	Gall bladder			į	Ę	Moote emboro	Whole embryo	1	LID not found			LID not found	_						=		Whole embryo	Uther	מ ומתוום						_		Little not found	SKin of forma	2			*	_	tate	.ID not found	LID not found	_		į	ÁG 1	o 1	•	
	Heart	OProst	Pooled		Tons	ا ا	isoo e	2 2	2			Š	2	9	d Olher	S O De	LD,	8	OEbe	Ę,	Ö E		g g g	Brosst		S S		3	Č	Brain	Ş	d Othe		d Oile	90 !	<u>.</u>	2010	2		d Othe	Ovary	~	_	Ē	9	<b>B</b> 18		5	eron d	8 8	3	
	Tonel	Whole embryoProstate	ordEar		Foreskin	Synovial mem C	Foreskin	is i	B 1	SOEWE !	Vmote emoryouterus	Foreskin	Brain	Prostate	LID not found	LID not found Other	Pood	Placenta	Whole embryol ID not found Other	Prostale	LID not found Other	LiO not foun	LID not found	Prostate	LID not found	SS	LIU not found Other	8	Manual day	Breast	Kidney	LID not found Other		_			de Head and nec Foreskin			LID not found Other	Eye	UD not found	Gall bladder	Brain	Whole embryoBrain	Breast			ad Liver	Read and nec caopnagus	300	
	Kidnev	130,31 CNS	148.58 Umbilical cord Ear		401.22 Blood	286.39 Marrow	Pooted	529.52 Blood	INSUOT RC.BLL	374.29 ignore	Whole em	245 DE Aorta	Testis	245.06 Ovary	Testis	577.8 Foreskin	732.12 Testis	Bood	Whole em	318.41 Cervix	ĘŻe	Testis		747.75 CNS	Eye	Aorta	Testis	Kidney	, i	See 46 Overv	Cervix	<u>8</u>	342.39	CNS	136.63 Parathyroid	Tests	Lymph node	19.39		Brain	Liver	Brain	511.2 Liver	526.79 Blood	Whole en	295.76 Pooled	;	54.89	355.66 Parathyroid	Head an	abig triyinus	
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Table 2A	8	9	8	8	8.4	8.0	8	8.	8 5	8.8	8 8	3 8	8 8	9 6	000	8.	<del>4</del> .00	00.0	0.00	2.00	0.00	0.00	0.00	0.00	5.00	0.00	8.	0.5	00.0	9.9	80	0.0	8	3.00	1.00	0.0	8 8	8.6	060	8	0.00	2.00	9.0	8.	5	0.00	2.00	90.0	8.6	8.6	8.8	8.5
Tabl	80	8	8	8	8	8.	9. 00.	000	8	8 9	900	3 8	8 5	8 6	2.00	8	8.0	8	5.00	8.	2.00	1.00	1.00	1.00	0.0	8.	0.0	0.0	9 9	8 8	8 6	90	000	0.00	9.00	1.00	8 8	9 5	00.	000	2.00	0.00	4.00	0.00	0.00	1.00	0.00	90.	00.4	00.	8.6	3
	2 00	40.48	5 20	5 11	11.72	9.91	10.31	5.00	6.32	6.98	7.31	200	70.0		6.87	5.08	11,43	5.64	10.44	6.22	6.61	7.27	5.97	9.72	5.66	23.67	5.22	7.49	46.0g	6.6	20.0		5.73	8.76	20.72	5.11	5.43	0.00 1.100	6.37	8 72	5.75	8 50	26.28	7.74	10.85	7.71	6.43	5.38	12.54	5.05	5.28	0.0
	169.42	2144 50	307 18	31.51	551,07	409.45	15.03	102.47	1427.61	91.54	417.54	606.63	27.96.72	2015 56	1345 99	567.61	626.60	634.89	173.59	5282.98	1185.37	39.65	464.94	118.14	2509.43	15.12	98.62	32.65	2250.74	35.89	027 44	57.63	68.68	349.14	4981.56	43.20	258.06	423.88	50 R 75	27.60	98.33	120.06	79.01	462.31	63.19	19.47	185.97	23.29	103.63	24.95	369.70	3/8.98
	4	30 802	75.10	8.17	40.74	41.83	1.46	20.49	225.76	13.1	57.13	112.61	16.61	374 SR	196.01	112.22	54.83	96.53	16.63	849.27	179.28	5.46	77.87	12.16	443.53	0.64	18.88	4.38	46.61	5 45	90.00	11.45	11.97	39.88	240.42	8.45	47.62	19.97	96.98	4 11	17.11	14.12	3.01	59.74	5.82	2.53	28.64	4.35	8.26	4	70.01	74.69
	8673678	A A 426 773	70018400	44027268	N24703	AA432100	N30131	AA432080	N30205	AA425437	AA446859	AA181433	W36026	N/ 8502	0.0447540	N34441	AA609311	AA158348	AA425851	AA196287	AA490120	AA609122	AA480158	AA478784	AA480162	N64774	AA609134	AA496790	AA488070	AA609189	MU6273	AA414000	AA479284	N49213	R32440	AA609218	AA479404	K41461	0.0704813	816175	AA001219	R49339	AA862465	R16053	R16241	R49438	AA708279	R49559	AA863449	R37738	AA865878	AA779165
	966396	771718	0.7577	375619	269182	784162	268115	784140	258860	773335	784200	625841	322242	236700	782597	271082	1031562	591095	773250	627687	839672	1031362	839978	754200	839986	284569	1031363	897635	840677	1031445	44292	757560	754260	280257	131979	1031478	754294	28258	160777	2000	362278	38325	1458160	53072	63391	38244	397858	38141	1456937	26806	1456962	453005
	41.6	2007	2001	17276	17377	17385	17387	17401	17405	17409	17410	17417	024.1	1742/	17434	17437	17448	17451	17460	17468	17474	17478	17482	17488	17490	17493	17494	17506	17522	17528	17527	25.5	75.4	17545	17548	17558	17568	17570	47676	47570	17580	17582	17583	17587	17595	17598	17504	17506	17607	17811	17815	17824

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	Tonsit	Other	Colon	Placenta	Pooled	Other	Other	7	rean Other	Ciner	ionsil	Other	ereas!	Vincia embryo	Tests	Adrenal gland	cheen	lons:	Other	E 78	Other	Spicen	Uterus		Caka	<b>B</b>	Colon	Overy	LID not found		LID not found	Officer	o de la	Prolect		è		Tonsil	Oiher	Brain	Pool	Other		LID not found	Other	LID not found	o De la composition della comp	Oher	Lymph	Ocher 1 Ocher	Qher Gher	Eye	LID not found	
	Overy Tonsil	LID not found (	Cervix	Pool	Skin	LID not found Other	LID not found Other	į	coary.	LID not found Other		LID not found Other	Head and nec Pancreas	Pancreas		•	Stomagn	Breast	LID not found Other	Pancreas	LID not tound Other	CNS	Pool	LID not found	Pooled	Lymph	nd Blood	Testis	Uterus	LID not found Other	- So	LID not found Other	LID not found Other	DO NOT INCIDENT	literary Literary	10 00 50	tib not found Other	Ulerus	LID not found	Heart Brain	Ovary	LID not found Other	Breast	tineBrain		Brain	Whole embryoLID not found Other	LID not found	CNS	ayok.ID not found	LID not found Other	CNS		r Liver
	Blood	51.33 Brain	510.12 Ignore	Ey•	44.94 Lymph rode	226.22 Brain	112.85 Brain	4-11-1	337.9b Lympn	404.11 P001	Cevix		229.07 Head and n	529.87 Stomach	208.42 Smooth muse CNS	363.57 Gall bledder	92.81 Inymus	Cun)	593.33 Pool	Blood	282.8 Lung	Aorte	389.93 Colon	Placenta	667.01 Ovary		482 Umbilical cord Blood	Breast		45.68 Pool	Testis		85.23 Colon	167 60 Viero		i i i	Pool	Cer	P 80	250.48 Pooled	269.03 Musclo	740.99 Pool	Testis	257.9 Smal IntestineBrain	75.91 Brain	508.52 Esophagus	Whole end	408.79 Foreskin	47.53 Ear	576.51 Whole embryould not found	Brain	286.56 Kidney	114.71 Foreskin	Gall bladder
		-	7		91	12	13	;	<u> </u>	=		:	=	61	5	₽ .	-		ç		4		Ξ		-	4	Đ			œ			-	ď	Þ					-	17	-		o,	0	81		2	14	-		<u>0</u>	64	
3 2A	0.00	0.00	8.	0.00	0.00	00'0	2.00	8.8	3.00	3.00	800	0.00	0.00	1.00	0.00	0.00	8.0	0.00	0.00	00.00	4.00	0.00	0.00	2.00	000	8.	0.00	80	0.00	8	8	8	8 8	8.8	8 8	3 8	88	200	96	8	2.00	0.00	1.00	2.00	3.00	0.00	3.00	3.00	2.00	3.00	0.00	1.00	2.00	0.00
Table 2A	1.00	1.00	00.00	8.00	3.00	1 00	2.00	00.	0.0	0.0	2.00	1.00	4.00	1.00	5.00	5.00	000	2.00	8.	2.00	0.00	2:00	2.00	5.00	1.8	0 0 0	<b>9</b> :00	8.8	8	8	<b>8</b>	2.8	0.0	8 6	9 6	8 6	<u> </u>	000	000	000	80	1.00	0.0	2.00	0.00	1.00	0.0	0 0	8	0.0	8	8.8	9.0	3.00
	8.5	5.96	16.61	11.38	11.05	5.02	2.90	5.48	10.22	6.86	7.52	5.25	5.49	11.71	5.83	6.71	5.47	7.42	<u>z</u> .	6.43	10.78	62.18	8.66	10.97	14.86	9.68	9.32	32.18	6.85	6.47	6.19	6.39	6.52	5.37	6.6	0 6	2, 20	811	6.33	8	5.44	5.71	5.54	19.54	6.94	6.43	9.46	6.35	6.57	6.33	5.36	19.6	5.36	18.52
	21.09	38.50	1181.16	21.25	81.07	631.55	149.02	64.52	876.22	430.12	8.	2577.12	27.63	<b>38</b> .9 <b>4</b>	568.37	473.31	183.49	3165.43	45.22	55.70	214.81	202.73	327.45	3363.76	104.77	868.89	24.16	181.78	971.33	223.20	1208.39	70.35	331.60	120.98	7.3	2 6	80.08 AA2 B1	2575 48	197 60	193,14	1054,29	308.73	78.95	68.51	76.78	37.42	1949.65	223.01	27.33	378.78	408.20	64.57	403.82	234.27
	2.48	8.48	71.12	1 87	7.33	125.73	25.25	11.77	85.73	62.72	0.91	490.92	8 8	7.59	100.97	24.35	33.65	426.73	5.69	8.66	19.92	3.26	37.78	308.75	7.05	89.75	2.59	5.65	141.78	40.78	195.10	11.02	50.82	22.53	80.6	60.	. F	317.46	8	88	193.85	54.10	14.26	3.40	11.07	5.62	206.15	35.10	3.19	59.86	75.74	8.88	75.37	12.65
	AA292429	R49587	AA894927	R42536	AA394130	R49117	R40025	AA700222	AA172372	N29850	AA188710	N93141	AA158162	AA488731	N47500	AA435998	AA496788	AA599107	N30621	AA412250	N93601	N56875	W60868	R74208	AA620466	H47114	AA158211	AA421282	AA149579	N74367	AA400412	R93744	AA151945	R58047	H81554	A4431750	A4400434	44191322	H50854	H48269	AA180080	H53141	AA421479	H14348	R49714	R41724	AA621644	H98757	R60995	AA621665	R59116	R59722	H99799	AA621132
	714498	3RA77	1493527	29967	725872	38804	277.11	453183	594994	259870	626186	304963	590853	841207	280789	730739	897625	950461	257796	731410	308873	277476	342271	143380	951108	193476	592778	731047	504290	296172	743275	197821	566498	206785	238689	762279	191963	626773	194314	201028	611853	202521	731080	48404	38648	31811	1035432	261592	42827	1035457	41128	42793	262966	1046484
	17628	17630	17847	17850	17852	17654	17659	17664	17674	17675	17678	17700	17702	17712	17719	17722	17730	17738	17739	17742	17748	17751	17760	17764	1777	17780	17785	17771	17769	17792	17802	17804	17805	17812	17815	17817	1/818	17811	17838	17840	17849	17852	17854	17860	17884	17865	17867	17869	17871	17875	17881	17884	17885	17887

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	Eye	Other		Placenta	Other	Other	Whole ombryo	Uner facility		Pancions		5	Pool	Brain		Tonsi			Pooled	Rived	Select Select	500	ţ.	Anda	!		drenal gland Whole embryo	Brain	Brain	Breast	Pool		Prostate	Gall bladder	Colon	Proslate	Lung	CNS	Ovary	o Cine	Whole emplyo	Ovary	Breast	Other	Other	Kidney	1 Other	LID not found		Pool Whole embryoTonsil	
	Blood	LID not found Other		Kidney Placent	LID not found	LID not found	Muscle	CIU not round	5	Acres	bund k		Lung	oTestis		Pooled		•	n Bone	Codeoo	Dancer	200	Thursia	Bone	2		Adrenal cland	Lung	Lymph	Eye	Foreskin		Kidney	Superdosa	Whole embryoColon	Germ Cell	Kdney	Cervix	Bone	LID not tound	Muscle Whole	Germ Cell		LID not found	LID not found Other	Lung	LID not found Other	Pool		Minole embry	
	86.17 Noural	153.9 Brain	231.76	511.92 Breast	Brain	467.98 Brain	648.45 Parathyroid	387.88.68E	130.33 CN3	č	Whole enha		42.75 Brain	385.77 Whole embryo Testis		755.79 Stomach			143.24 Synoval mem Bone	101 17 0000	Of O' Descrip	1600 DIGGS	547.07 Dancese	279.64 Profed		204.16	Pooled	162.31 Tonsil	216.64 Skin	22.39 Thymus	396.16 Pooled		108.17 Germ Cell	Ignore	92 78 Brain	Testis	Prostate	215.24 Foreskin	78.3 Thyroid	CNS	Adipose	naeins	109 01 Far	336.02 Foreskin	CNS	Parathyroid	CNS	Heart	518.78	CNS	
	4	9	×	s		4	۰,	2 1	-				•	9		-		•	<b>4</b> 0	9	<u> </u>	20	•	- σ	•	21	;	6	16	12	6	,	-	•	-, <del></del>	•		m	g				Ç	. ~	ı				0		
Table 2A	0.00	0.00	2.00	0.00	0.00	2.00	0.0	5.00	3 6	0.0	8 6	8 8	2.8	8	8.0	0.0	0.0	0.0	8 9	3 8	8 8	9.0	3 6	8 6	8 8	8 8	8	0.0	0.0	8.1	8.1	8	8 9	8 9	9 5	000	9.00	0.00	0.00	0.00	0.00	3 5	9 5	8 8	00.0	0.00	0.00	0.00	0.0	8 8	
Tabl	11.00	8	8	200	8	8.8	8 5	2.00	2.00	8 8	9 6	8 8	8 8	1.0	3.00	3.00	2.00	9:	5.0	9.00	200	9 9	9 6	200	8 8	8 8	9	8	8	0.0	8	1.00	5.00	8.5	3 5	9	8.	8	8	8	8	8 8	3 8	8 6	2.00	3.00	1.00	1.8	9.9	88	
	115.48	6.79	20.5	76.39	5.34	16.01	10.48	9.44	17.2	5. 2.	20.0	5.50	5 22	9.63	11.84	11.17	9.66	5.07	10.55	3 5	200	2 6	9 6	70.	\$7.0 80 8	32.5	8 52	7.83	7.77	12.52	6.51	6.17	5.50	5.18	9.60	5.52	9.24	7,18	10.06	6.97	10.08	5.03	5.0	200	6.37	8.29	5.15	5.19	14.32	5.05 5.61	
	518.74	130.24	832.07	282.41	29.08	436.85	197.48	97.05	30.50	18.21	20.12	25.45	115.72	78.49	33.76	162.47	64.47	1788.66	160.98	206.86	997.00	30.63	97.50	82.90	23.30	157 15	14.03	620.59	104.98	268.78	55.12	55.61	366.75	57.41	18.43	85.03	325.28	113.73	630.38	403.42	121.11	25.63	105.77	20.52	1174.02	58.16	129.37	29.03	3287.29	185.38	
	4.47	19.17	147.49	3.70	5.44	27.29	18.88	11.50	1.77	2.7	ş 5	5.02 5.03	2 %	8.03	2.86	14.54	6.87	352.60	8	38.74	100.08	4.69	<b>8</b> 8	8 ;	- 8	8 8	, R.S.	79.24	13.90	21.31	8.47	9.01	65.65	11.09	3.48	15.14	35.21	15.85	62.67	57.84	12.02	15.11	80.00	20.00	184.41	7.01	25.10	5.83	229.50	36.73 275.48	
	R40057	H17333	N20833	R40178	R51357	H22948	R59621	R37633	R45165	AA757764	AA483444	AA452155	H05072	AA452165	AA789301	AA412059	AA789328	AA708298	AA453170	AA812973	AA426216	AA262351	AA812964	AAATBOUG	#C076744	A463476	AA478502	H05741	AA843718	H05769	AA463483	AA418015	H05770	N22904	H05777	AA868778	H04992	N66177	AA454080	N62178	W88587	AA400247	AAB20446	10000	N62231	W88745	N68993	W93299	AA460675	N82340 N62376	
	27544	50762	265042	27769	39306	51831	42123	26564	35039	395711	49/118	18/8/6	13/3069	78787	1391644	727263	1391682	392622	788087	1376827	769552	686292	1376628	787461	12303	50000	786327	43815	1393018	43828	811619	757488	43829	266720	43936	1408407	43849	278570	788234	289816	417473	742581	051080	983390	287721	417800	289264	356943	796239	290416 290561	
	17895	17897	17901	17904	17916	17821	17805	17948	17952	17956	/82/	17808	17087	17866	17968	17970	17976	17980	17982	17984	17988	14891	17992	1/893	9,00	1800	500	1801	18016	18019	18021	18025	18027	18028	18035	18040	18043	18044	18046	18051	18052	18054	18058	9091	18083	18084	16087	18108	18114	18123 18139	

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	Placenta		Uterus	LID not found			Skin	Bone	Muscle	Brain		Other		Muscle	Torsii	Spleen		Brain				Eye	Heart	;	Prostate	100	Other	Other	d Adipose	8 :	Evel C	900	ST S	, T	Ear	Other	Other	Tons	d Thyroid		LID not found		P00	20	d Other	Pool			LID not found	LID nol found	Placenta	Skin	Ovary	Brain
	Heart	Foreskin	Pooled	Head			Peripheral ner Synovial mem Skin	CNS	Blood	Placenta		LID not found		Uterus	Breast	Tonsil		P00				Foreskin	Lung	;	Foreskin	Foreskin	LID not found Other	LID not found	Umbilical cord Adipos	Prostate	Nose	50g5	S S S S S S S S S S S S S S S S S S S			LID not found Other	LID not found Other		Umbilical cord Thyroid		Bone	LID not found	Testis	Brain	LID not found Other	Placenta	Brain	UD not found	Tonsil	Prostate	Spieen	ס		<u>8</u>
	38 Thymus	13 Eve	65 Umbilical cord	350.76 Pool Heart	02	48.75	Peripheral ne	282.85 Ear	362.5 CNS	Tonsil	92	Breast		Gall brackder	Parathyroid	7.5 Pooled		511.27 Germ Cell				Ovary	.11 Ularus	:	Parathyroid	Adipose	Tonsil	Tonsil	165.94 CNS	Long	270.51 Esophagus	305.89 Foreskin	enou re	soz.us ingluid	00.81 Symbrian men 203 42 Tonsi	Tonsi	135.22 Pool	£ye	362.95 Nose		287.4 Eye	Pod	Piacenta	Eye	3.28 Pool	203.31 Esophagus	2.74 Eye	53.22 Pool	Eye	Eye	172.31 Nose	Umblical cord	747.98 Esophagus	Storrach
	710	17.	5	350	283.02	8		282	æ		389.65		174.05			₽		5.					274						465		22	98	- C	p																	3 17.		2 74	
	•	17	9	•	7	91		₽	2		S		-			40		^					=						•		₽ :	₽ .	4 (	• :	9 0	•	5		2		5				••	2	¥	÷			•		••	
Table 2A	1.00	000	000	00.0	00.0	0.00	00.00	8	0.00	0.00	4.00	00.0	1.00	9.	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.00	1.00	9.0	3.00	0.00	8	0.00	9.0	8	8	00.0	8 8	3 5	3 5	8	8	80	1.00	0.00	3.00	0.0	0.0	3.00	0.00	0.00	8.	8.0	0.0	1.8	8.0	0.0	0.00
Tabl	9.0	80	00	0	00.1	9	00.	9.	1.00	1.00	0.00	00.1	0.00	0.00	9.1	5.00	8.	<b>9</b> .	8.	8.	8	8	2.00	8.0	8	800	2.00	9:	5.00	3.8	8.0	8	8	20.00	8 8	8 5	8 8	8	2.00	17.00	1.00	5.00	<del>1.</del> 8.	200	3.00	1.00	9.1	1.0	1.00	2.00	8.00	1.00	1.00	1.00
	13.22	8.45	51.5	60.8	5.53	5 27	5.59	22.18	5.53	8.16	5.95	8.82	5.46	6.95	<b>9</b> .83	<b>44</b> .67	5. 83	7.84	6.58	5.30	69.9	5.30	19.39	6.78	6. 26.	8.66	7.18	5.32	6.16	2.50	5.43	6.13	12.34	<b>7</b>	97.8	<u> </u>	9 4	6.33	18.77	28.21	5.28	7.80	14.33	5.86	7.42	8.	5.48	5.35	6.33	5.48	22.75	5.46	5.38	5.40
	47.02	225.81	41 77	594.60	361.05	34.04	701.27	101.59	80.28	10.02	49.35	28.21	118.93	212.82	7.18	247.35	712.98	30.29	246.05	272.67	613.53	452.83	70.06	143.39	630.75	389.98	52.41	120.50	437.28	525.41	441.07	178.49	225.68	8	2.23	200	218 65	14.05	615.95	127.22	16.35	50.11	79.65	29.55	97.08	129.12	12.93	786.66	791.16	71.68	229.44	685.25	21.55	371.25
	3.56	5	a a	97.69	65.33	6.46	125.41	4.58	14.52	1.23	830	2.97	21.42	30.61	0.89	a.	120.31	3.86	37.38	51.42	91.76	85.42	3.61	21.14	113.73	45.03	7.30	22.84	70.95	70.10	81.16	28.78	18.29	2.00	68.39	96.5	27.47	2	32.62	4.51	3.0	6.43	\$.56	4.31	13.09	14.87	2.36	147.08	128.00	13.08	10.08	125,41	4.00	68.72
	AA455929	40071089	NZRZAG	H58175	N55357	H40830	AAD40742	H40921	R74321	AA283631	H61464	H15913	AA284634	AA098887	H15926	AA283020	AA757455	W85913	AA701300	AA708058	AA703536	N71714	H61223	AA703553	N71768	N72252	AA465368	AA292700	AA148505	AA292655	AA496253	AA134862	AA490901	AA481292	AA455068	0.000000	MADE 38	Table 20	AA459809	R26785	AA016292	R19410	R82595	H83896	H40323	R82522	H85345	H48070	H36550	W96174	R82802	N47891	AA443886	AA677240
	813278	6.30E.A	269808	205582	245890	175950	486186	177074	156962	713213	205527	159470	713193	489535	159487	713263	395459	415696	435663	392711	450213	290654	235986	450233	29065	291323	814099	701748	491524	701766	814158	502438	824525	824658	824782	0/0670	14000	73.60	809421	132636	361250	130050	149179	222400	191787	149245	222157	193333	223180	381642	148914	281010	756662	454326
	18425	10/01	1873	26.00	18439	18448	18458	18472	18492	18494	18489	18500	18502	18522	18524	18526	18529	18543	18548	18553	18592	18594	18597	18600	18602	18618	18628	18630	18631	18634	18636	18639	18641	18649	18657	6000	0,000	0000	18682	18699	16700	18702	18719	18720	18726	18727	18728	18742	18744	18756	18759	18770	18777	18784

	Qther			Whole embryo		Noney Deal	8		8	e le le con	TOSIBLE	-	rung.		1	i de	Const	מסיים שיים מסיים	Picco	is to	בוום חסק לפרום	Uterus		Tonsli	Brain	Gall bladder	LID not found	Ear	Tonsil	Heart		Muscle	Brain	LID not found	Parathyroid	Ear	Aorta	Whole embryo	Adrenal present	-	I Doot found	Whole embro	Service director	5	Panneas	NATO S		r S	Other		Parathyroid	d Other	Tonsil	d Other
	LID not found Other			Foreskin		C C C	SEADURA		lens.			9	S S S S S S S S S S S S S S S S S S S			LIC not found Other	e de	200	roced	Foreskin	Tonsil	. 1	TOV87	Kidney	Pancross	aAorta	Paol	Neural	n Colon	d Placenta	UD not found	Bone	Д 28	Brain	d Pooled	Smooth musc Parathyroid	Breast	Muscle	Dicamburg	Total County on City	200	3 4	Dogwood	900000	Adimes	Kidnev	Project Project	Ē	110 not found Other		Blood	LID not found Other	Muscle	LID not found Other
	Pood			238.35 Nose			307.8 CN3	0.00	181.86 CNS		156,47 IONBII		191.74 Adipose		ć	8	270.81 Whole embryogye	Head Head	217.U0 CBI	Carynx	CNS	238.88 Blood	78.08 Synovial mem Ovary	290.49 Uterus	367.11 Esophagua	97.67 Small intestineAorts	Breas!	387.41 Acrta	159.89 Synovial mem Colon	Adrenel gland Placenta	278.55 Pool	160.11 Uterus	339.03 Germ Cell	37.17 Pool	Adrenal gland Pooled	191.53 Smooth mus	310.66 Esophagus	213.74 CNS	144 22 Thumus		Corollin S	461 70 Oung	401.13 Charly	100.07	187 05 Lary	SOL SOL SOL	247	417.00 CNO	305 26 Pool		47.22 Thyrold	Pool	B B	Tans
				6		,	2	,	~	•	n	,	n			!	6	•	đ			19	12	9	17	~		s	n		<b>7</b>	e	+	18		en i	5	m	•	0		·	, ć	₽	o	Þ	•	D	8	<b>}</b>	2	:		
3.2A	000	2:00	800	9.	8 :	8 8	B 6	3 :	0.0	9.6	0.00	0.0	0.00	00.1	2.00	2.00	0.00	9.6	9.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	8.	0.00	9.1	0.00	0.00	0.00	8:	0.00	8 8	8 6	3 2	3 6	8.6	3 6	3 6	8 8	3 8	3.8	8 8	} 6	3 6	3 6	202	0.0
Table 2A	8.	200	1.00	0.0	000	8 :	8 5	8 :	8	8 9	8	8	8.6	3 8	8 3	8	8	8 (	8 9	8	8	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	00.	0.00	1.00	0.00	1.00	9.0	9.0	8.8	8 5	8.8	3 5	0.0	8 8	3 6	3 6	3 5	3 8	3.6	9.6	8 8	3 8	3 8	3 6	20 02	8
	5.48	7.67	15.49	6.49	5.52	9.66	6.11	9.90	5.51	14.28	11.74	5.36	5.65		9.4	<b>6</b> .0	14.48	96.5	6	5.61	9.11	17.71	7.42	5.02	7.73	5.14	5.23	5.25	14, 10	8.91	5.42	10.01	9.15	5.20	11.81	5.50 5.00	10.89	8.03	8 . e	3 8	g c	20.00	15.60		0,00	99.5	63.33	80.12		9 5	35.63	3.5	135.40	7.59
	19.79	71.45	49.68	65.69	527.58	314.40	29.09	<b>6</b> .30	5.82	86.5	53.56	275.82	1195.87	128.49	196.61	35. 26.	421.35	100.44	202.18	27.40	46.02	45.23	270.98	21.29	60.6	86.85	53.38	786.27	271.73	46.17	454.95	101.43	35.38	24.82	58.70	113.77	318.23	124.61	20.58	27.45	118.04	8.6	103.62	2 70	54. 107 45. 107	5.65	400 Ou	Z :	32.87	101.01 173.73	212.89	105.62	745 77	31.90
	3.61	9.31	3.21	13.20	85.53	86.28 1	4.76	9.47	1.08	5.88	4.58	51.44	211.50	23.02	28.54	60 60	28.10	16.85	38.26	68.	909	2.55	36.52	4.24	1.18	16.89	10.20	149.77	19.20	5. 18	83.91	10.14	3.87	4.77	4.97	20.69	29.03	13.96	74.54	7 :	19.85	20.05 1	n (	12.00	46.10	22.22	£0.14	3.06	S. S.	10.01	36.01	17.30	2.53	7.30
	AA677327	AA706839	AA707336	N21514	AA707402	AA430527	AA676225	AA707086	N59251	AA701677	AA877025	AA430506	N62783	AA701668	AA707550	AA677338	AA430409	AA67641	N62188	AA430410	AA210699	AA521448	R53929	AA214559	H08208	AA148542	H22011	AA101875	AA465355	N58553	R85452	R93309	H59805	R98072	H28090	N65950	AA283300	N63445	AA703609	SOL GRA	H52421	AABSZB03	AAZSSOIB	N/2888	7201024	AA292086	N561 /8	N68205	AA701550	AA662861	AA/5/658	A A RESTAN	A468892	AA459110
	454468	431408	451511	286019	451554	769917	431505	451587	289534	433603	454584	769933	283562	433604	451664	454486	769945	431646	289881	769947	682749	826183	39814	683151	45605	491545	160113	489831	B14086	246669	275118	275653	208078	206779	162308	293745	714437	277996	450330	4.1B202	236413	450402	7141/5	291557	40001	725405	278572	278544	435845	450338	390045	4104/4	43041V	814320
	18792	18795	18796	18797	18820	18825	18827	18828	18830	18831	18832	18833	18838	18839	18844	18848	18849	18851	18854	18857	18871	18872	18877	18895	16697	18922	16924	18830	18942	18943	18975	18983	18995	18003	19004	19007	18021	19022	19024	1803	19037	90	18053	19058	900	18069	19070	19086	19092	19096	2000	18102	40.54	19116

Page 80 of 91

	Other	Tonsil		Germ Cell	Esophagus	Smooth muscle	Prostate	Pooled		Other	LID not found	Germ Cell	LID not found	P8 	Pancreas	•	Synovial membran	Other	P00	Uterus	Ovary	Umbilical cord	Pooled	Placenta			Whole embryo	o o dipos	asodinas	o de	Germ Cell				Synovial mem Adrenal gland	Manda combaco	Wide endry		Ovary	Breas!	Lymph	Ovary	Tests	8	0	200	raramyron	to con	Whole embro	london land	
	LID not found Other	Stomach	Pod	Tonsil	Skin	Parathyroid	Adrenal gland	Thyroid	ngue i	Lib not found Other	Les	Pooled	Lung	Germ Cell	Aorta		d Thymus	LID not found	Brain	Brain	Placenta	Marrow	Blood	CNS		SNO	Foreskin	Cond and and Adione	DIA DIA DEGL	Branst	Brain	į			Synovial me	100			Blood	Synovial mem Pancreas	Blood	Pooled	d Tonsil	Rrain			Admin	Theory	Formskin	Mana ambandan	
	118.69 Tonsil		518.22 Tonsil	Uterus	Note	121.02 Thyroid	Doz'E	249.74 Gall bladder	SOS.52 STOMBEN	445 66 Eva	, W	317.7 Eve	278.24 Eye	99.95 Pooled	63.54 fgnore	Omentum	153.7 Umbilical cord Tnymus	34.23 Placenta	87.01 CNS	41.98 Tonsil	575.42 Liver	366.65	33.58 Placenta	279.18 Brain		329.19 Lymph	53.59 Parathyrold	200 1000	Son Foug	SNO.	03 86 CNS	152.05			230.62 Thymus	4	Pool	3	32.36 Brain		621.3	101,31 Brain	Adrenal gland	130,97 Germ Cell		Agreement grand Tomsil	402.55 Prostate	90.54 17 14 Mariou	13 12 Anta	104 35 Teetie	
	9	×	8			×		: :	<u>م</u>	4	,	-	14	60	91		9	-12	=	-	20	9	<b>£</b>	17	!	17	<b>`</b>	•	- D		4	9 -			1 2				6		2	6	,			•		2 8	<b>3</b>	2 4	•
8 2A	0.00	000	000	0.00	0.00	0.00	0.00	0.00	9.0	0.00	000	000	0.00	3.00	0.00	0.0	0.00	2.00	0.00	0.00	00,1	0.00	0.00	0.1	00.0	0.00	000	0.0	00.0	0.0	8.5	0.00	00.0	1.00	9:0	9:0	8 8	8 8	00.0	0.0	0.0	0.0	0.0	000	8 9	8 6	8 6	0.00	8 6	3 6	5.0
Table 2A	1,00	8	2.00	8	1.00	1.00	100	8	8.0	3 5	8 5	8	200	0.00	1.00	1.00	1.00	8.0	2.00	2.00	0.0	2.00	1.00	2.00	8	2.00	0.5	9. 6	9 9	8.5	8 6	1.00	2.00	1.00	0.1	00.1	3.00	8 8	2.00	2.00	3.00	2.00	90	90.	3.00	0.00	3.00	9.6	8.5	3 8	8 8
	5.28	8 83	36.78	5.11	5.34	6.05	5.52	5.47	5.47	7 23	1 2 5	10.32	7.50	6.62	5.48	6.21	5.19	7.25	8.75	12.00	6.93	5.78	5.36	23.21	5.17	7.82	5.31	80 6	D	2 6	2	200	7.58	6.89	5.58	9.17	9.78	833	5 92	5.34	7.18	5.57	5.34	7.63	9.36	<b>S</b>	5.35	13.86 th	7/6	8 8	88.8
	229.89	35.19	332.88	18.9	358.73	1089.00	7.43	155.88	975.60	50.70L	84.15	33.56	242.71	248.33	9.71	1052.80	7081.92	178.40	30.32	40.66	85.35	17047.86	156.97	81.55	30.83	45.04	65.77	2194.57	599.49	41.2.14	130.73	140.70	7.13	192.58	165.08	34.29	168.08	26.72	21.53	61.29	48.38	41.20	28.01	52.22	461.46	102.33	85.98	107.88	39.72	5050.15	110.73
	25.52	531	50.6	3.53	1 29	180.13	1.35	28.50	178.45	4 C	25.25	15 CF	32.38	37.50	1.77	171.06	1364.49	24.61	4.49	3.39	12.32	2957.43	29.29	3.51	5.97	5.91	12.40	362.16	113.18	23.12	2.5	28.08	2	27.54	29.60	55.55 5	21.43	2 6	200	11.48	6.74	7.39	5.24	6.84	49.30	19.50	. S. 69	7.73	4. 5 6. 5 6. 5 6. 5 6. 5	3 6	16.14
	AA278594	44459119	AA278764	AA459123	AA834381	AA489232	AAB34427	AA504139	AA504132	AA703169	184130	115085	W96187	H51100	H86545	AA669557	AAB33768	H04399	H92588	H92875	H00298	AA683050	R32354	AA676288	AA707084	N51614	N24580	N23134	AA434435	AA707659	NABOUS	AA437370	AA703115	AA706795	AA427563	AA707680	N51752	A4678024 N23102	AA455133	H16789	AA521371	H16821	AA485704	N63894	AA709036	N63744	H49148	N68679	AA620/15	C ASSOL	AA778663
	703638	814136	27,507	814341	743611	825078	743880	825228	825234	435597	223012	40663	361668	193883	223323	855800	657681	149448	231461	231718	149547	971367	134976	43155B	451605	281605	267254	268849	770289	451707	501012	170348	434824	451769	770768	451733	201701	267713	80888	50480	826991	50578	814915	293759	506548	78.2936	178922	283240	1049230	DR/547	1049030
	411A	5 5	2 5	19128	19131	19137	19139	19141	18145	4 6	8 67	2 70	5 5	19198	19208	19210	19218	19223	19224	18232	19239	19242	18243	19251	19260	19266	19269	18277	19281	19292	98761	19305	19311	19316	19329	18332	19336	19339	19344	19345	19352	19353	19370	19399	2802	19407	19416	25	25.5	1	5.45t

age 81 of 9

	Testis		Breast	1	CLO MOI MOUND		Placente			Stomach	Other	oForeskin	Splean				ä	ie Cai			Tooni		2			Colon	Testis	m Ovary	Bone	d Thymus		Bone	240	a Ciner	Dymid	2	Thymus	Blood		d Other	d Other	tio not found	Kidney	d Other	d Ciner	UD not found	d Other	Placente	Gall bladder		8 2	רום מסו נסחות
	Lung		Blood		001		9	2		Synovial mem Stomach	LID not found Other	Whole embryof presidn	Eye				1	I myroid			4	rympu Ear	ŝ			oEar	Hear	Synovial mem Ovary	Tonsil	Smooth muse Umbilical cord Thymus		Thymus	9	CIO noi round Ciner	Harris	roPlacenta	ic Blood	Gera Cell		LID not found Other	LID not found Other	ניחם	SUS	LID not found Other	LIU not found Other	Brain	LID not found Other	neAorta	Adipose		Break	LOGSKE
	510.24 Eye		CNS		Whole embryoroo		430			Foreskin	437.79 CNS	445.34 Aorta	111.97 Tonsil		305.02		683.61	OKIN			Alterda	Muscle Coll hhadder				276.84 Small intestingEar	S.	388.12 Thymus	351.12 Spiesn	288.62 Smooth mus		85.35 Neural	67.29	lisuo	A SR Foreskin	Whole embryoPlacenta	475.18 Head and nec Blood	Adipose	652.21	63.17 Pcol	Brain	Poo	711.71 Ear	Teslis	Kidney	143.59 Placenta	435 25 Eye	391 77 Small intestineAorta	371.88 Eye	50.72	151.6 Germ Cell	646,62 Placenta
	80										80	1	15		×	,	-									5	:	Ξ	4	15		- ;	23		ď	,	2		ιO	Ξ			-			Ξ	7	es	<b>6</b> 0	23 '	m (	N
Table 2A	866	0.0	1.00	9.	5.00	9 6	8 6	8 8	8 8	80	8	80	0.00	0.00	0.00	0.00	8 9	00.00	0.00	9 5	8 6	0.00	0.6	200	9.5	900	2.00	0.00	0.00	0.00	0.0	0.0	8.3	8.6	9 5	000	00'0	0.00	00:0	0.00	0.00	1.00	00'0	0.00	0.00	0.00	000	9.1	8 ;	5.00	0.0	1.00
Tab	9	8	8	0.0	8 8	8 8	8 5	3 5	8 8	8	200	00.1	1.00	9.	1.00	8	8:	8:	8	8 8	3 5	3 8	3 8	3 5	3 8	3 8	8 8	9	2.00	2.8	<b>1</b> .00	2.00	0.1	8 9	3 6	00.	1.0	2.00	8.	1.00	9.	8	1.00	9.1	00.	1.8	1.0	9.	00.0	8	5.00	0.00
	5.14	13.75	12.76	8.08	5.72	1815	15.14	3 6	2 5	60 65 65	10.8	7.59	5.01	59.59	7.35	6.99	6.17	5.26	5.11	6.07	6.61	9.99	2	5.5	2 .	12.62	2 E	5.52	5.37	5.54	11.44	8.54	8.70	8.79	9.4	, K	6.09	8.93	5.55	20.33	5.71	5.05	7.48	5.96	17.00	6.00	5,13	10.69	5.17	6.61	7.91	5. 44
	19.87	65.39	497.49	41.88	68.28	1287.85	208.60	00.0022	77.52	703.27	1839.69	173.34	32.01	707.14	262.13	1278.26	120.29	68.32	73.89	102.92	11/.64	108.71	101.85	168.23	Z (	76.77	23.04	1853.08	169.49	851.18	45.50	205.75	35.81	383.07	73.27	788.35	1968.30	27.68	206.53	63.02	82.49	300.23	332.06	79.48	113.98	84.65	937.41	216.02	135.31	508.22	52.57	35.26
	88	£.78	38.99	5.18	10.19	70.98	13.64	300.57	13.87	117.65	229.77	22.85	6.39	23.90	35.65	182.78	19.49	12.98	14.45	12.75	10.71	20.52	18.32	30.61	11.80	9.48	- C	335.74	31.57	171.63	3.98	31.48	4.12	28.43	7.74	150.03	323.34	3.08	37.19	3.10	16.20	59.41	44.37	13.33	6.43	14.11	182.91	20.21	26.15	76.83	3	6.48
	H38845	AA779449	H45288	AA779457	N66070	AA701411	AA757466	N67797	AA701412 AA701948	A 398521	NEGISE	W45769	AA394197	AA704222	AA293441	AA757809	W46783	AA293443	AA757806	AA704587	AA703208	AA283206	N48792	AA757711	AA703198	AA757717	078070	AA504457	AA459249	AA504248	AA279060	AA504250	AA279133	AA459358	AA626705	D88700	AA404619	H01858	AA463446	R91146	AA063459	AA621138	H01928	AA205403	AA598546	R31567	AA018412	H00660	AA018232	R89363	R89287	H01820
	190669	1032387	182818	1032405	293991	435890	385802	291548	435684	725489	278531	324386	725707	450515	725558	396148	324598	725552	396186	450598	435867	725622	278460	396085	435970	396096	25/25	450860 825300	814443	825386	703916	825394	703930	614501	745131	104008	725076	150118	611770	195079	382345	1046495	150135	647866	595161	135627	362552	149895	362748	196037	195786	150041
	19464	19468	19468	19474	19467	19492	19497	19498	19500	9000	19510	19515	19517	18528	19341	19545	19547	19549	19553	19560	19564	18565	18568	18669	19572	18577	0/061	1930	18592	19593	19594	19597	19598	19600	19803	91991	19642	19647	19650	19654	18656	19658	19663	19874	19682	19863	19684	19687	19692	19694	19710	19711

Page 82 of 91

	683.44 Pooled Muscle Foreskin				матом	poog -	CNS Bone Blood		714.07 CNS COON CIU not round	1	157.14 Inyrodd Stomagn Bone	roreskin	1001	Total Control	180	Cill not round	3 E 5 E 5	ē	rousii Lymph	397.28 Thymus Cervix Blood		Umbilical cord	-	g G	- Spleen	Cervix Eye	ye Lung	Boog	Pooled Pool		Eye LiD not found Other		Kigney Fool Lib not tound		Head Utenis Pool	d Brain		:	Nose Gall bladder Whole embryo			2	CNS LID not found Other		edl Eye	- pajood	Breast	-	LID not found	hyroid	Pool LID not found Other	352.18	
	6			-	2				7	•	n :	n (	77			-				-		2				on.	Ξ	2	~					:	•	-				;	2 "	,			20		20	-				ø	
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	6.85	9.38	7.11	8.85	5.10	5.59	10.42	9.24	9.99	6.03	66.9	20.12	7.67	6.50	5.53	5.42	11.57	5.80	8.62	5.62	7.59	5.38	5.27	6.67	6.18	6.33	9.61	9.87	5.28	5.78	5.58	7.45	11.53	18.	40.00	10.00	5.30	5.86	5.92	7.45	6. 10 10 4	~ 6	9 e	14.01	5.48	7.11	<b>9</b>	10.96	9.89	14.78	9.19	5.25	30.30
	181.97	174.19	51.84	52.88	178.16	71.88	253.67	602.08	2644.94	54.04	165.74	235.61	173.94	419.01	227.66	117.86	87.98	3.62	29.72	61.42	263.21	20.65	168.79	296.64	247.89	79,85	9.40	113.58	1511.84	110.69	7.7	451.22	87.21	216.60	162.30	16.63	323.67	45.11	1778.67	1642.15	160.73	164.64	Jr.67	80.26	65.18	65.40	91.86	19.77	46.16	220.98	159.41	47.75	111.49
	23.65	18.55	7.29	5.97	37.87	12.20	24.35	73.10	397.34	9.96	18.44	8.09	22.66	64.05 0.05	41.17	21.73	5.61	3.42	3.45	10.93	34.66	3.84	32.01	44.47	40.11	12.62	98.0	12.81	286.01	19.15	33.13	60.55	8.43	27.38	2. t	2 8	61.11	7.57	300.42	220.45	25.96	8.2	23.34	5.73	11,89	7.79	9.53	7.08	4.68	14.96	17.35	9 09 0 0	2
	R92201	AA676975	AA701232	AA458867	AA434400	AA252470	N45188	AA706829	N62206	AA70069D	AA286819	N23400	AA278320	AA706964	AA465158	AA280279	AA630100	AA480520	AA430892	AA251354	AA781508	AA491295	AA491297	AA482282	AA490522	N88510	H36660	AA504478	H83763	N70682	H37809	AA775447	N70688	AA775872	N71049	44505117	N69528	AA757732	N30222	AA757918	N30225	Webses	AA/S8451	AA700811	AA421603	W49620	AA421515	N40968	AA680367	AA421335	N30258	WB9271	PA/1139
	195845	383528	434884	810800	770869	685019	281922	451805	290158	434972	701281	268385	703808	451918	815048	712202	854691	824508	824526	684582	855177	624643	824647	824681	824510	294092	190753	825325	208897	294225	190972	878182	294244	678564	294578	2,57,25,50 2,57,25,5	294503	398111	256975	398147	256983	324/12	396297	436070	739084	325029	739116	279824	430510	739230	257452	343760	233
	19728	19728	19735	19736	19737	19778	19778	19780	18790	18799	19800	19813	19816	19820	19828	19828	19829	19830	19834	19843	19845	19850	19858	19862	19872	19887	19888	19902	19907	19911	19912	19914	19919	19922	19943	1904	19859	19969	19978	19985	1989	CRASI	2000	20000	20013	20019	2002	20022	20023	20045	20020	20059	20202

Page 83 of 91

	20	Germ Cell	Ear	Head and neck	Umblikal cord	Other		•	Olher	Olher Olher	Pool	Other	Other	Eyo		Uterus	Breast	Lymph	LIO not found		Kidney	Lung	Breast		Pooled	200	Lyalph F	Uterus	Lymph		50.	n Adipose		Synovial mem Gall bladder	Ferendicio	Kirnev	Color of	5 6		Ear	d Other	100	d Other	Foreskin	Spleen	Ey.	Prostate	P.	Foreskin	d Other	Kidney	- baloo	LID not found
	Tonsil	Pancreas	Gall bladder	•		LID not found Other	Small intostine		LID not found Other	LID not found Other		LID not found Other	LID not found Other	Gern Cell		Solo	Uterus	Biood	oPool o		CNS	Tonsil	Tonsil		Stomach	Loreskin	Spleen	c Pancreas	Blood	LID not found	Tonsil	Imbilical cord Synowal mem Adipose	:	Synovial me		Oloconto	Toneil		I ID not found	CNS	LID not found Other	Germ Cell	LID not foun	Parathyroid Fores	Brein	Pooled	Testis	Lung	d Centr	LID not found Other		Ē	Ovary
	Eye	64.91 Testis		39 19 Small intestine	107.35 Marrow	201.19 Placenta	383.2 Thymus	228.02	Eye	127 Pool	Colon	487.92 Brain	Eye	Tone	211.15	98.64 Placenta	442.05 Pooled	88.38 Gall bledder	245.06 Whole embryoPoal	118.93	174.92 Stomach	239.35 Foreskin	730.89 Thymus		Aorta	277.15 Ovary	Forcekin		83.47 Thymus	Pool :	Foreskin	Umbilical col		Cevix	אוויים מינים	3/3.32 Neural	201.3 AGIB	412 54 Aprila	Tonell	218 11 Perathurnid	208.56 Tonsil	245 OS Tonui	471.64 Pool	742.01 Germ Cell	Musclo	350.75 Thyroid	228.02 Brain	Prostate	88.18 Adrenal gland Cervix	102.42 Pool	Germ Cell	Cervix	461.79 Pancreas
		92	"	9	20	4	2	12		_		7			×	62	12	<u>6</u>	×	7	2	Ξ	•			Ξ			9						;	F ¥	2 5	2 0	•	r	1 6	<b>×</b>	ē	~	1	æ	12		19	-			က
2,00	80	000	8	900	8.0	0.0	8.0	8.0	0.0	80	9.6	0.0	3.00	0.1	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	1.00	0.00	0.00	0.00	8.6	0.00	0.00	8.	0.0	80	8	00.5	B 6	90.	90.0	8 8	8 6	8.6	2	2	00.0	00.0	0.0	0.00	0.00	0.00	000	0.0	8	0.0
500	8	8	1.00	00.4	2.00	1.00	2.00	2:00	1.00	9.1	0.00	1.00	00.0	0.0	0.0	8	9.	3.8	9.8	8	8	2.00	2.00	0.00	1.00	1.00	1.00	1.00	1.00	5.00	0.00	2.00	9.	0.00	23.00	9 6	000	8.6	3 5	3 5	5 6	5	8 5	2.00	00	8	8	1.00	2.00	1.00	1.00	00.0	9.
6.35	ю 8	17.39	6.12	12.79	9.24	5.72	10.60	27.72	7.28	6.05	5.14	6.74	9.46	7.70	5.53	5.01	13.82	8.27	5.89	6.74	5.81	6.71	7.63	5.36	8.34	7.33	5.69	6.30	5.10	6.34	5.61	16.53	5.35	6.12	110.25	9.2	9 1	87.0	10.92	D 10	, r.	6 6	, r	683	98	62.9	8.49	5.17	7.75	5.22	5.07	7.02	12.79
31.30	30.37	114.57	158.83	287.38	14097.97	218.09	17895.89	293.56	13.82	77.18	191,37	544.93	869.91	139.02	109.31	8.8	110.47	97.47	1443.09	1078.25	89.32	36.85	164.81	60.61	282.80	61.15	209.74	59.38	414.76	258.55	43.46	1430.39	337.98	261.70	520.06	108.50	41.42	71.10	77.70	10.00	447.47	10 416	2020 88	34.80	230 23	60.68	28.79	392.47	231.02	485.47	72.69	133.37	101.92
4.83	5.12	85.89	26.97	22.47	1525.33	38 15	1714.02	3.50	1.89	12.75	37.20	80.88	92.00	18.05	19.75	4.89	8	11.79	245.19	160.09	15.39	5.50	21.60	11.30	44.57	8.0	36.85	9.42	81.25	40.80	7.75	86.52	63.20	42.78	5.73	11.74	111	8.6	2.20	£0.3	33.40	2	20.05	4 5	5 5	9.50	3.30	75.85	29.81	93.00	14.35	19.00	7.97
AA678087	AA278396	AA620757	AA875893	R33458	AA872341	R34225	AA857413	R34273	AA018655	R92362	R93069	AA579067	AAD19062	R92601	H02778	H03438	R72244	H02307	R91566	R91583	N48261	H84915	N51225	AA706987	N64494	AA280381	N26628	N62348	N23606	AA678160	N27123	N45238	AA701328	AA282589	H95976	N51362	N/0193	N24155	A40054	AAK32340	67969944	AA480030	000000	P2017N	B18191	H65840	R88440	H68022	R87531	N76086	R68672	N30747	AA421352
430720	704251	1049287	1105815	135975	1472643	136026	1475028	136070	362732	196168	198826	383619	362985	196257	150887	150897	155806	151201	196544	196569	282117	249517	282893	451905	290337	712230	269216	280443	250869	431944	269747	283173	435126	713031	250678	283191	298045	269583	10/559	80480	900100	074000	070000	20462	10016	210897	166616	211301	166335	285454	166510	257960	739257
20063	20074	20107	3 2	20115	20122	20123	20130	20131	20132	20134	20142	20144	20148	20158	20159	20187	20170	20178	20182	20190	20218	20225	20226	20228	20238	20240	20245	20246	20249	20259	20277	20282	20287	20288	20289	20290	2029	20301	20303	2030	17507	03000	7000	20160	80000	20171	20388	20411	20420	20423	20428	20450	20453

Page 84 of 91

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	Brain		10	Torreil		other	Parathyroid	Heart		Colon	7	Adrenal gland	ID not found	7	בונים וסמונים	Digui	A TOTAL CHILD IN	,	Jensel	BORNIE Dood found			p (	lonsii		Don't found	Tonei	in in in	ì	Lymph		Placente	Brain	Cher.	LID not found	Namey	E C	Ulerus	Placenta	Placenta	Germ Cell	Brain		Brain	<b>P</b> 00		Aorta		Lymph	Cervic		Greas
	Pool B			Disconta		found				_	Ovary		_			•	a supposed	100		Tones	Torion I	ionsi circi circi como	500	Adrenal gland		Disconta	Kidoby	LID not found Other		Tonsil		CNS	•	LiD not found Other	Pool						Whole embryoGerm Cel	_		Tonsii	Foreskin		Pooled		Aorta	Stomach		Xidney
	689.84 CNS		4	00019 FA:777	2	Pod	191.7 Bone	Ovary		271.75 Adipose	Hear	34.81 Spleen	Testis	60.76	Leen of the	asin i di sa Adriana i di sa	209.13 Stornagn			ON CAS	ב ב	Ear 224 14 Obsessed	ZIA. F. FISCOTES	leineN.		Anda	2007	A3A Pool	442.05	24.02 Nose	120.51	345.66 Eye	27.41 Kidney	62.12 Pool	-7.8 Placenta	32.73 Ear	31.3	103 69 Whole embryoOvary	110.31 Parathyroid	538.48 CNS	143.7 Pool	384.46 Lymph	273.05	Nusdo	Germ Cell		227.19 Foreskin	;	Thyroid		•	CNS
	-		,	7			e			Ξ		19		Ξ.	,	7	Đ		;	=		;	Ξ				;	<u>.</u>	. 5	i 4	es	õ	18	20	z	-	٠	. 1-	'n	2	•	ĸ	×				5					
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Tabl	1.00	8.	2.00	8 5	3 5	2.00	8	5.00	0.00	2.00	1.00	1.00	1.00	9.	6.5	2.00	0.00	8	9.00	14.00	00.	9 5	000	2.00	0.5	8 8	8 6	8 8	3 6	8 8	2.00	1.00	1.8	1.00	6.	8.5	B 8	3 5	6	2 2	00	1.00	0.00	2.00	1.00	3 00	2.00	0.00	0.00	1.00	0.0	1.00
	9.21	90.6	11.31	n, n E	o. 10 7 87	9.33	15.99	2	5.52	6.33	5.73	5.27	5.32	5.02	7.94	6.16	6.61	13,34	22.91	34.33	6.59	5.84	5.29	7.55	7.80	18.53	10.97	9 5	22.52	12.36	13.63	8.52	5.81	9.54	5.68	9.4	8.3	, i	9	8	8.42	6.20	5.02	16.67	6.51	5 93	8.23	6.41	£	5.36	5.12	5.93
	54.28	118.57	75.38	66.11	15.47	85.48	635.05	1.46	72.05	392.01	105.89	139.92	31.02	2106.54	65.65	169.36	110.89	1.09	101.01	1015.21	191.09	26.33	48.57	60.	244.57	21731.63	169.71	111.52	17.50	439.50	108.89	74.80	876.40	1544.84	53.49	114.79	232.08	14.07	205.17	161.52	46.54	2073.64	234.51	449.11	2355.42	18.69	201.18	156.21	166.30	97.80	541.48	25.58
	5.89	13.08	8.66	16.63	9. 4	7 02	39 72	24.6	13.05	61.90	18.44	78.57	5.83	419.57	8.27	27.51	16.76	0.83	4.48	29.57	8.78 5.	4.43	19.	0.54	3.38	1172.98	15.48	19.41	9.5	9.31 35 64	98.	8.78	150.83	236.31	9.42	12.18	32.69	e (	45.84		5	252.89	46.71	36.92	362.05	11.78	24.44	24.37	15.08	18.23	105.71	£3
	N27086	AA704615	AA758379	A477404	N36639	A A 6 8 2 6 7 1	W70065	AA477283	AA758152	N57530	W74701	AA402875	AA682623	N32895	W69743	AA402865	N32904	AA777700	AA402040	AA427824	AA481269	AA457039	AA431772	AA282971	AA775774	AA775364	R34566	AA019338	K92812	K34368	H03955	AA021586	R86764	R94495	H04757	R84504	AA702714	AA021168	103500	185381	24879	H96554	N51386	AA417622	H97701	AA699914	AA417761	AA707225	HB7851	N33236	AA700758	N50632
	257999	450781	396358	740617	279837	450877	143974	740780	396829	276915	344764	741842	450859	259859	344194	741790	259884	448257	741919	773485	815242	815538	782501	713078	878231	878681	138508	383087	197208	136508	151597	384022	197338	197648	152270	197651	383838	364108	10/12/	100000	202702	250963	283233	748169	251569	435303	748245	452134	251727	270558	435371	283413
	20458	20464	20473	20485	20488			2050	20202	20510	20616	20517	20528	20530	20531	20533	20538	20540	20541	20559	20584	20588	20589	20590	20591	20294	20595	20596	20598	5060	2002	20844	20648	20862	20663	20670	20672	20878	2000	2000	2000	20897	20698	20712	20713	20719	20720	20724	20729	20733	20735	20754

Page 86 of 91	
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			Tonsil	Thyroid		:	Inyrota	Adipose	2000	בונים וופים	S S		500	Hoar Com Com	E CE		Care.	Other	Cther	Clera	Utens .		Umbilical cord	Brain	Placenta	Clerus		Pooled		CNS		OF Greskin	Cen pagger	9	I Deat for red	S S S S S S S S S S S S S S S S S S S	LID not found		<u>8</u>					3	Ngney		Adioon	o Adipose	S S S S S S S S S S S S S S S S S S S	100	Dodge			
			Testis						To a contract of	200		u round	ווים בו ביים	Eye	erain	Rrain	LID not found Caner	LID not found Other	LID not found Other		Brain		Stomach	Blood	Breast	Quan	Eya	Blood		Esophagus		Whole embryor creskin	Podibog	200	0	38.5	CNS		Eng Bull						Eye		grant Adams	Agreeman gleand Adipor	Adrenal olan	Autental grant Clarit	SKRI DIGGER DESIGNATION OF STREET	ac voienai Bieni		
	245.06		SS	424.74 Peripheral ner Foreskin			121.24 Ear	186.14 Umbilical cord inymus	1		516.01 Eye	51150	TSUO C	Sec. 3	426.16 Ovary	208.53 CNS	245.32 Tonsil	250.6 Pool	292.28 Brain	345.45 Breast	80.62 Breast		317,73 Placenta	242.21 Ignore	t09.76 Stomach	352.44 -	Pooled	247.58 Stomach		466.26 Neural		436.74 Pooled	575.29 E3opnagus	n n n n n n n n n n n n n n n n n n n		Carry 20 276	Germ Cell		Kidney			;	540.8		S S S S S S S S S S S S S S S S S S S		4 4 4 4	Tone	Z		154.V	n ous ossu	151 73	27.70
	×			80		,	ומ	~		٠	ø			,		Ξ	5	6	=	×	×		15	21	-	=		õ		18		<b>c</b> o (	n			;	:						5				;	ç		,	٥			•
2A	0.00	0.00	00.00	0.00	1.00	0.00	0.00	0.00	0.00	00.0	0.00	000	0.0	0.00	0.00	0.00	0.00	8.0	8	8.0	3.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	8	8 6	9 6	86	8 6	8 8	8	8	8.0	8.0	8	80	8	8	0.0	8 6	8 8	8 8	8.5	9 9	9 6	8 8	3
Table 2A	2.00	7.00	1.00	1.8	0.00	8	9	8 8	8 9	1.00	9.5	2.00	9.5	0.00	<del>,</del> 00	1.00	1.00	0.1	3.00	9.	0.00	3.00	1.00	1 00	2.00	2.00	9.	5.00	1.00	9	5.00	2.00	00.0	8.6	8.8	3 2	3 5	8	3.8	9.1	5.00	9.	9.	9.	9:	8.5	8:0	8 6	800	900	8 9	8 8	8.8	3
	5.28	13.57	6.05	5.22	5.20	5.81	6.01	6.27	5.42	19.6	8	6.47	1.24	36.07	5.57	÷.	5.52	5.35	6.61	6.30	7.93	7.37	7.49	6.65	25.08	15.76	5.72	12.54	6.37	11.32	10.93	2,6	5.32	5.15 5.00	10 to		27.4	8.09	8.35	5.04	26.31	7.00	8.92	5.04	7.78	5.28	10.04	5.53	11.65	8	7.59	5.14	8	9.00
	827.80	28	82.38	243.47	58.25	17.21	197.24	148.98	238.50	20.04	237.08	378.75	6.29	495.39	67.47	34.38	2040.33	230.40	26.17	22.69	161.89	109.76	274.25	39.21	165.08	127.87	35.05	44.02	2829.22	647.47	75.38	179.35	602.54	. 6.1	4.73	526.76	546.33	159.37	39.05	247.82	139.81	147.08	136.49	10.84	57.60	139.53	371.55	248.32	2 i	2.38	1010.93	90.48	516.60	58.14
	118.77	13.61	13.62	46.67	11.19	2.96	3281	23.45	43.65	5.21	21.47	58.51	0.87	13.73	2. 2	2.88	369.47	43.03	3.96	3.6	20.42	14.90	36.60	5,89	6.59	11.0	6.13	3.51	443.82	74.84	6.89	25.53	113.17		o.78	74.68	2 4	19.71	4.68	49.16	5.31	21.01	15.30	2.15	7.40	28.42	36.55	45.07	9. T	7.4	133.18	17.59	68.43	11.62
	N28457	AA699931	AA465354	H98655	AA700887	AA700871	AA465238	AA489042	AA206454	AA196979	AA670123	AA205432	AA504162	AA443638	H15538	H51122	H77585	NE6933	R85939	H25551	N67007	H87795	AA856874	R85280	H44032	AAB57496	H91661	AA443903	AA700989	AA401457	AA700997	N32587	AA405190	N30367	AA777712	AA678176	AA402889	AA733012	AA678190	AA704713	AA733027	AA708248	N34878	AA777428	N47333	AA701028	AA704278	AA456818	AA282985	AA456821	AAB70330	AA485132	AA775840	R09063
	155075	435318	A140B4	261567	452354	452362	814225	824837	645670	646037	844703	648556	825172	771303	48089	179631	214158	295770	180158	161455	295868	220658	1374571	180303	183556	1384851	221237	756708	397224	742048	397227	259950	742061	260015	449283	430830	7416	349043	430837	450938	399101	397620	276617	449369	280557	397575	450997	815560	713114	815558	878373	815883	878505	127510
	20747	2000	20760	20781	20764	20772	20778	20794	20808	20824	20825	20828	20830	20838	20842	20844	50859	20863	20878	20878	20879	20880	20882	20884	20886	20890	20896	20910	20928	20933	20937	20938	20941	20946	20948	20851	2982	2002	20967	20968	20971	20977	20986	20996	20998	21001	2003	21028	21030	21032	21039	21052	21059	21074

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	UD not found	Brain	Other	<b>Мло</b> ів втруо	LID not found	LID not found	Brain	MUSCIE		Greesi	Parathyrod	Muscle	20.0	Social						r oreskin			- FINGE	Foreskin				Ž	1	55	9	S I	Prostata	Prostata	LID not found	Lymph		8	<u>8</u>	c	ranciess			Foreskin	S CE	Flacenta	ESC .		9802	Loug	Blood	<b>E</b>	Tonsi
	Placenta	CNS	LID not found Other	Blood	Pool	Pool	500	Prostate	1	Daloor .	ניייס	Foreskin	Plood	Foreskin				IBUDI	1			·	Bone	Adrenal gland Foreskin			į			200		Manow Footblin		Stomach	Testis	Foreskin		Teslis	Brain	1	Lymph rode Pance	CLO 150 1001	Thyrod	Perathyroid	LID not found Other			LID not tound	Neura	Muscle	Eye S	DOOR :	CIU not tound
	Whole embryoPlacenta	Aorta	221.61 Pool	Eye	73.94 Prostate		347.38 Foreskin	36.6 VKI	7		646.23 Thyroid	474.75 Stomach	353.15 Gern Cea	Blood			549.08	E,S		225.12 IonsII			439.94 Pancreas	130.74 Pancreas		346.45	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	385.82 Mead and nec coon	í	SUM (III)	40.000	SSE AZ IMOURI	Soleen	309 OS Placenta	Tonsil	Omentum		Brain	Heart	į	OKIU 1 00 0 1	8. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	559.57 Head and ner	339.35 Placenta	Placenta	331.06 Adipose	111.8Z Smooth musc	Germ Cell	552.87 Epididymis	250.6 Lanynx	87.85 Liver	Pooled	457.27 Eye LID r 114.76 Head and nec Skin
			=		19		<b>2</b> ;	R	,	on (		<b>=</b> 0	•				m		;	12		•	<b>6</b> 5	7		ø	,	э			,	7 .	0	42	:						Ş	<u>.</u>	▼ ;	Ξ	,	2 (	Ŗ		-	81	<b>º</b>		<b>₹</b> 8
2A	00 0	8 8	90	00.0	1.00	3.00	5.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	00.0	000	90.0	800	90.	0.00	8.0	8	0.00	0.0	00.00	000	9.5	0.00	0.00	0.0	90.0	9 5	000	000	0.00	0.00	0.0	8	800	0.0	0.00	1.00	0.00	86	0.0	000	00.0	0.0	8	000	8 8
Table 2A	8	3 5	800	1.00	0.00	0.00	0.00	000	0	8	2.00	1.00	1.00	1.00	2.00	9.	1.00	0.1	3.00	2:00	0.00	1.00	1.00	0.00	8	2.00	3.00	2.00	12.00	10.00	9.00	8.	8 8	3.6	8 6	9	8	8.4	1.8	8.	8 3	8	8	0.0	9.	8:	8	8	8	3.00	2.00	8	8 8
	69		27.5	5.30	5.45	6.93	6.74	6.71	5.04	5.60	9.37	13.38	5.41	5 19	5 12	5.08	7.52	5.16	741	5 17	2 63	208	7.31	5.23	7.10	10.51	6.70	6.16	18.14	40.13	80.9	6.15	R S	, c	7 80	12.57	10.01	19.61	5.46	9.66	8. 16 5. 16	6.14	7.55	5.33	3.60	5.1	6.44	5.13	5.78	8.57	9.69	11.87	5.32 5.42 5.42
	74 977	43.64 63.48	45.52	6.10	89.88	94.58	461.79	200.08	18.94	65.77	144.35	332.35	164.89	65.87	164.44	20.41	582.26	300.66	26.13	173.00	80.89	24.22	122.70	108.82	48.08	540.52	141.37	93.89	255.01	94.80	405.81	102.50	181.03	204.62	28.90	1591 01	73.32	88.02	171.78	133.86	2108.02	489.84	100.88	71.37	9.20	21.81	27.19	152.78	1367,54	31.68	78.55	154.15	87.14 190.47
	80.23	00.43	9 6	1.13	18.32	13.61	66.49	28.83	3.78	11.75	15.40	24.85	30.48	12.68	32.12	5.20	77.44	58.25	3.53	# i	13.74	<b>4</b> .78	16.80	20.80	6.77	51.41	21.08	15.23	1.1	238	50.23	16.86	28.97	23.96	, e	2 %	7.33	87.4	4.5	13.86	268.18	79.80	13.37	13.40	<u>5</u>	4.27	<del>7</del>	29.75	236.44	3.70	<b>3</b> .	12.99	16.39
	77.77	70424	50,031	AA021434	R08311	R37878	H83123	R56840	AA702404	R96903	H98819	N32849	N50786	H99120	AA700090	AA699359	N91117	AA458938	AA699443	H99202	AA700167	AA701481	AA458384	H99681	AA704792	AA455237	AA700553	N34466	AA773478	AA205588	AA773358	AA504137	AA283874	AA629986	AA504505	AA872402	H75853	H39024	H89955	AA699864	H94670	N74014	AA857015	R21423	R20813	AA666269	AA465389	R23215	H95638	AA258001	H20048	R23246	R85843
	001181	89/161	127.003	364173	127267	137682	199027	138255	384215	200338	261492	270826	283888	261708	435415	432560	302955	814417	432811	261827	452423	435448	814528	282916	452434	814779	432668	271115	845345	648753	845723	825223	700688	554498	0.5564	172753	230537	192295	221341	461287	243238	539968	1474684	130103	130136	859478	814123	131024	242952	687054	172785	131094	275338
	04040	6/017	20017	2100	21106	21131	21134	21147	21160	21166	21169	27173	21186	21193	21189	21203	21208	21208	21211	21212	21228	21231	21232	21233	21238	21248	21259	21261	21265	21272	21281	21282	21287	21287	21308	21212	21315	21316	21320	21326	21331	21343	21346	21351	21367	21370	21374	21375	21387	21394	21396	21399	21400

Page 67 of 91

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	Adrenal gland	Other		Gerra Cer		ă	300	Luna	P			L!D not found	1 Other	SS		į	Proctoto			Overv	Breast	Tests	Kidney		F	Germ Cel	Bood				Kidnev	Gerra Coll	Pariciess	LID not found	d Other		č		a call for	Poolog	2 P	<u>;</u>	Pool	LID not found	d Other	Overy		o Cine	S O	d Other
	Stomach	LID not found Other		rd Tonsil		Property Co.	or oredst	Tonsil		Lung		Pool	LID not found Other	Prostate		- Tank	Bone	5		CNS		Oven	Lung		SE CNS	Breast	CNS				Pooled	demy.	Tonst	Tonsil	LID not found Other				Management results	ord Ear	red Divid for DI		Foreskin	Pool	LID not found Other	Blood	Breast	LID not found Other	LID not found Other	LID not found Other
	263.74 Ignore	91.16 Eye		371.25 Umbilical cord Tonsil		402 47 Smooth mind Brook	492.11 3000000000	192.78 Kidney		CNS		136.02 CNS	P8	304.45 Aorta		,	SNC SNC			383.22 Epididymis		Pooled	489.21 Pooled		Smooth muse CNS	684.28 Coton	Uterus				SA1 A4 Over	18 43 Saleon	Aoria	200	Placenta			00	1/8.1/ Brodst	and proper leading in the second	42 65 Paul	74.00	Ovav	269.05 Prostate	Eye	207.77 Eye	135.83 Ear	207.64 Pool	P001	385.68 Placenta Poot
	72	22		2		:	1	7	:			7		1,		;	2	•		17			9			2					α	, \$	ż					:	2.	•	ğ	?		B.		7	55	\$	•	<b>6</b>
Table 2A	0.00	0.0	0.0	0.00	0.00	8 8	8 5	8 6	8 8	0.0	8.0	0.00	0.00	1.00	00.0	0.0	9 6	8 6	0.00	00.0	1.00	00.0	0.00	00.0	1.00	0.00	0.00	0.00	0.00	00.0	8 8	8 8	3 8	88	0.0	8.0	0.0	B (	3.8	3 8	8 8	3 8	8	8	1.00	8.6	2.80	0.00	500	0.00
Tabl	2.00	1.0	5.00	2.00	9.	8 8	8 8	8 6	8 8	2.00	0.0	9.	2.00	5.00	2.00	8.5	8 8	8 6	3 5	8 2	200	00.4	8	8	3.00	8	5.00	8	8 5	3.00	8 5	3 8	8.0	8	5.00	1.0	8 8	0.00 0.00	3 5	3 6	8 6	2.00	900	0.0	5.00	2.00	0.0	9	8.	- 6 8 8 8
	8.84	6.45	30.74	12.00	5.30	12.82	14.33	5 E	46,0	9.00	5.60	5,84	13.96	28.90	0.83	8.74	D C C	2 6	90 W	27.59	12.42	9.93	8	8.30	8.10	8.07	5. ts	8.7	8.83	6.89	9. 5 9. 5	Š 5	2 K	6.0	7.51	5.78	24.40	5.18	60.0	20.0	2.5	661	9.24	5.15	13.70	8.48	6.01	5.10	6.36	5.1€ 6.93
	38.34	38.62	183.98	393.06	31.01	101	47.98	90.01	83.28	67.02	511.77	31.34	15.03	363.84	19.90	37.31	116.57	25.8	5 . 1d	594 94	97.12	31.53	43.70	33.20	235.20	115.03	18.58	56.82	157.09	37.54	42.70	9 50	75.75	155.17	80.83	23.34	224.10	118.52	58.72 00.00	35.5	101.02	83.27	178.31	399.88	171,44	7.30	315.62	30.00	611.04	22.68 682.95
	4.55	5.99	5.98	32.75	5.85	98.0	,	2,00	13.14	11.17	91.41	5.55	1.08	<b>6</b> .07	2.33	4.27	21.6	3 6	2 2	8.35	7.82	84.	8.24	6.38	28.71	14.25	3.62	7.62	17.80	5.45	27.4	P 6	38.10	18.15	10.77	4.04	9.18	22.90	6.7	90.5	6.30	5.03	\$ 25 20 20 20 20 20 20 20 20 20 20 20 20 20	77.63	12.52	0.86	52.54	5.99	25.56	4,40 98.59
	R39446	R85509	AA707714	AA436327	AA707728	AA777886	AA6/6318	AAA77070	AA704508	N50655	AA707696	N50661	AA677923	N34316	AA732917	AA703391	AA482127	20400	AA/584/0	44436401	N47389	AA438405	AA662624	AA704749	AA676907	AA482007	AA485254	AA779380	AA482031	AA491212	AA705423	00/0/00	AA03513/	R11498	R63313	AA708876	R63497	R16837	R67817	L ACON	AA05/425	R87.420	246760	R10279	AAD54843	AA054439	R54672	HS4788	R12708	R62371 H54659
	23819	275372	412911	755304	412927	449438	430834	20000	451092	280784	412881	280785	431007	277173	399444	450058	756450	78027	431029	756463	280602	746471	431280	451161	465204	746007	815847	459941	746072	824062	462188	20076	87435	128202	138527	384387	138693	128758	153977	140010	381021	200396 154998	128792	128948	381036	381054	154483	201352	129375	139799 203179
	21406	21408	21409	21413	21417	21420	21423	12012	21456	21462	21465	21470	21471	21482	21483	21484	21485	2 2	21487	20710	21404	2.50	21503	21504	21609	21510	21512	21517	21526	21528	21529	65612	21537	21554	21563	21568	21571	21586	21591	26017	96617	21598	24803	21610	21812	21820	21623	21630	21634	21633

Page 88 of 91

Table 2A

		89.74	
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9	5.00	5.00	
9	7.53	12.36	
9	42.42	15.47	
3	5.83	1.25	
	AA707171	AA425791	

Page 89 of 91

								M found	Pool			_			_			UD not found	_	e) c		1683		*	JU not found	LID not found	_	E.			\$	_	× '	Germ Cell	LID not found		elle.	_					-				Sall bladder		LID not found			
	÷		Š	2	2000			CID OR	Pool			Cervix			Tonsi		∂Aorta	9	Cogo	Placenta	d Other	Pancress		Kidney	בפי	9	Tonsi	Breast	į	Skan	T TAYANG	р Б <u>е</u>	Sez (	Sea :	2	5	Flacenia	5		9	Ö		Colon				B	CNS	9	8		
	Adrenal gland					- E		Pool	Brain			er Thyroid			CNS		Whole embryoAorta	Tonsil	Tonsi	Breast	LID not found	CNS	Tonsil	Pool	Pool	Lung	Ě	Stomach		Cervix	Musclo	LID not found Other		Spleen	Pancreas	LIU not round Umer	8 .	0000		امل سمق	200		Stomach				Adiposo	ind Foreskin	28 180	nyoTansii		
	Stomach			Adipose		ov.os Lympa noue		5	43.42 Foreskin			Peripheral ner Thyroid			126.7 Testia		375.06 Muscle	546.63 Placenta	Parathyroid	Uterus	Pool	33.08 Liver	430.22 CNS	Tonsi	Testrs	534.12 Brain	Synovial mem	169.07 Esophagus	258.32	43.68 Ignore	E .	709.43 Eye	263.08 Adrenal gland	768.49 Ear	314.08 Eye	100	215.68 Eye	201 83 NOSB		43.60 226.40 CNG	0 mm (CMO)		166.97 CNS			426.08	371.88 Eye	557.95 Adrenal gland Foreskin	115.96 Eye	201.91 Whole embryoTonsii		89.74
					٠	ō			¥						7		37	Ÿ				5	43			63		16	52	4		2	58	₽ ;	ñ	ì	2	K.	,	. ,	3		¥			4	ัต	Ö	-	ĸ		_
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3.00	8.	8	8:5	8.6	800	80.7	8 8	90	1.00	2.00	0.00	00.0	00.0	0.0	0.00	1.00	00.0	00.0	00.0	0.00	0.00	8.0	800	0.00	000	0.00	0.00	2.00	0.00	0.00	000	90.	0.00	0.00	8	0.0	0.00	0.00	3	8.8	8 8	88	8 8	0.00	0.00	8.0	0.0	000	2.00	1.00	0.00	8.0
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7.83	5.39	8 22	5.77	69.9	12.82	12.36	5.55 57.01	5, 01	8.75	8,68	8.83	8.78	5.57	10.62	10.73	6.95	5.85	10.93	κ. <b>2</b> 6	5.07	5.41	5.55	8.91	5.83	8.78	14.36	9.62	6.54	10.65	5.28	6.97	5.26	9.81	5.11	18.23	6.30	15.16	5.82	0.73	z, .	3, 5	20.0	7.18	6.51	7.88	21.88	6.96	5.97	6.21	5.08	7.53	12.36
170.67	155.25	178.27	247.13	220.88	10.10	45.47	218.85	149.27	219 08	74.47	54.25	124.53	409.09	25.41	44.30	85.14	301.44	132.39	25.64	308.81	138.48	105.40	18.22	200	26.90	169,28	63.81	102,40	155.70	167.14	1183.22	141.83	713.91	801.15	126.90	21.26	64.60	54.04	117.69	113.29	42.62	177.79	272.20	24.85	340.46	321.20	111.18	223.81	58.70	75.37	42.42	15.47
21.55	28.82	28. <b>64</b>	42.82	33.02	2	3.68	28.4 2 6 4	3 4	32.43	8.60	6.14	14.19	73.51	239	4.13	12.26	50.87	12.11	4.61	60.93	25.80	18.99	2.04	2.74	8.40	11.78	6.71	15.65	14.62	31.64	131.90	26.95	72.79	156.73	8.	<b>4</b> .0	4.26	9.29	17.45	22.48	7.18	32.39	2 6	3.82	43.21	<u>\$</u>	15.97	37.48	9.45	14.85	5.83	1.25
AA778756	N91821	AA701351	AA778826	H89415	W778846	N31605	AA701361	M20081	7500CN	AA701900	AA699707	N62400	AA465166	AA779251	N62418	AA701909	AA629910	AA504253	AA287828	AA287318	AA676865	AA505063	AA286807	AA286814	AA677629	H23959	AA465521	AA129135	AA013099	AA465538	AA629999	AA017104	AA127014	N53480	AA015B19	N53488	R26283	AA262080	AA707785	N57487	N50428	AA704752	NA7445	AA707741	AA703383	N50854	AA682545	N50935	AA682563	W80457	AA707171	AA425791
452512	306540	435488	452537	262695	452563	271799	435493	1000	263076	435536	433284	288873	815047	452708	288705	435537	884857	825404	700967	701103	460143	825658	701256	701272	460279	174311	814942	586650	360232	814961	884511	360761	502141	245398	360644	245421	132326	685801	413088	277346	280640	451169	78286	412980	450041	280782	431245	261103	431263	415493	451397	769653
21652	21654	21655	21660	21665	21668	21669	21679	2007	21.705	3171	21715	2177	21728	25732	5 2 2	21743	21749	21750	21785	21763	21778	21778	21778	21783	21792	21796	21802	21806	21808	21810	21814	21840	21850	21851	21856	21859	21879	21882	21889	21890	21894	21896	21697	21905	21908	21910	21927	21834	21935	21939	21944	21949

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Page 81 of 91

Table 2A

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Gen Bank	Gen Bank		Max-									
Accession Ave-Normal- e	Accession Ave-Normal- e	<u>.</u>	expression-of-			Count-up	Count-up cell	_				
Number expression	Number expression 23tumors N	23tumors N	2	Max-fold-	9	tumors	lines	Chromosome	Location	Tissue 1	Tissue 2	Tissue 3
AA488073 9.89 778.31	AA488073 9.89 778.31	778.31		78.6	_	23.00	2.00		538.46	Stomach	Nose	Pancreas
AA489246 7.02 195.43	AA489246 7.02 195.43	195.43		27.8	4	23.00	8.			Poncress	Gall bladder	Colon
H61243 21.79 621.89	H61243 21.79 621.89	621.89		28.5	5	23.00	5.00	=	268.99	Smooth mus	c Spleen	Lymph
AA430665 5.21 182.53	AA430665 5.21 182.53	182.53		33.0	92	23.00	1.00	7	424.89	Lanynx	Breast	Pancreas
AA487488 12.17 906.98	AA487488 12.17 906.98	806.98		74.5	_	23.00	1.00	11	48.77	Ovary	Umbilical	Colon
H86554 3.16 372.02	H86554 3.16 372.02	372.02		117.	92	23.00	2.00	80	428.08	Gall bladder	Liver	Ovan
N33063 8.00 1136.23	N33063 8.00 1136.23	1136.23		141.9	4	23.00	3.00			Foreskin	Placenta	Testis
R49597 7.33 920.13	R49597 7.33 920.13	920.13		125.	22	23.00	2.00			Parathyroid F	Pool	Pool Brain
AA181023 9.30 735.73	AA181023 9.30 735.73	735.73		79.1	3	23.00	2.00	60	628.88	Adipose	Umbilical co	rd Pancreas
AA171760 6.39 166.58	AA171760 6.39 166.58	166.58		19.8	9	23.00	8.4			Stomach	Colon	Pancreas
AA453783 14,01 662.63	AA453783 14,01 662.63	662.63		47.5	Ξ	23.00	2.00	80	463.73	Thyroid	Stamach	Parathyroid
4.51 127.22	R26785 4.51 127.22	127.22		28.2	_	23.00	1.00					
H95976 4.72 520.06	H95976 4.72 520.06	520.06		110.	25	23.00	3.00			Larynx	Germ Cell	Parathyroid

Page 1 (of 1 pages of Table 2B)

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	Tissue 3	Parethyroid	Brain	Colon	dPancreas	Testis	Ionsil	500	Pancreas	d Colon	Pool	Pancreas	Ovany	Thyroid	Brain			Lymph	Parathyroid	Prostate		Ovary	/ Neural	Pancreas	Colon	Coton	Pooled	Prostate	Placenta	Stomach		Eye	:	n Thyrold		Sean de la	CIC not round	Prostate	,	Ear	Breast	LID not found	Uterus	Testis			Kidney	LID not found	Pancreas
	Tissue 2	Germ Cell	Pool	Adipose	Umbilical cord Pancreas	Placenta	Muscle	Gall bladder	Breast	Umbilical cord Colon	CNS	Nose	Liver	Ovary	Pool			Spleen	Stomach	Breast		Bone	Bone marrow	Calon	CNS	Brain	Parathyrold	Stomach	Ovary	Pancreas	Adrenal gland	CNS	:	Synovial mem Thyrold	į	Cyary	nye	cesobusdas		Adipose	Hear	Pool	Pancreas	CNS			Brain	Pool	Placenta
	1 ocation Tigate 4		Parathyroid	671.44 Esophagus	628.88 Adipose	Foreskin	Blood	Pancreas	424.99 Larynx	48.77 Ovary	Foreskin	538.46 Stomach	426.08 Gall bladder	255.21 Epididymis	Neural			268.99 Smooth muscl Spleen	463.73 Thyrold	562.73 Esophagus		261.13 Nose	390 Head and nec Bone marrow	Slomach	274.67 Ovary	400.33 Ear	357.89 Nose	309.06 Placenta	282.87 Cervix	Pooled	57.07 CNS	650.68 Stomach	426.08	Esophagus	70000	2/4.6/ Larynx	Ciero	Head and nec Esophagus		Neura	558.36 Muscle	Lung	348.77 Gall bladder	627.2 Uterus		305.09	334.7 Ear	419.22 -	545.17 Stomach
	1 Chromosome Location			-	en				7	17		-	Φ	50				F	œ	•		8	G		19	1	6	17	=		=	•	<b>.</b>		Ş	<b>P</b>					-		=	e		-	2	4	2
	Count-up cell	5	8	3.00	3.00	5.00	2.00	9.6	1.8	1.8	1.8	0.00	5.8	<del>.</del> 8	1.00	8.	8.	0.00	2.00	1.00	1.00	0.0	2.00	2.00	1.00	0.00	0.00	1.00	0.0	1.00	8	0.0	8	2.00	9.6	8 5	9.6	90.0	0.0	0.00	0.00	2.00	9.1	1.00	9:	0.00	2.00	1.00	1.00
	Count-up	2000	25.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	21.00	21.00	20.00	18.00	18.00	18.00	17.00	17.00	17.00	17.00	16.00	16.00	16.00	16.00	16.00	15.00	15.00	14.00	14.00	14.00	14.00	13.00	13.00	33.00	13.00	13.00	13.00	13.00	13.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.00
	May-Eold-I lo	110.25	125.57	110.73	79.13	141.94	135.40	27.84	35.06	74.51	131.55	78.68	117.56	280.58	60.12	21.55	90.45	28.53	47.31	34.82	28.21	64.45	69.89	19.86	104.82	26.18	19.44	32.40	102.25	29.75	34.33	23.95	21.88	13.92	39.37	09.89	65.33	23.69	20.33	22.50	63.69	31.77	207.75	39.67	18.14	103.05	274.41	19.49	11.68
Мах-	expression-	50 05	920.13	284.36	735.73	1136.23	745.77	195.43	182.53	906.98	450.59	778.31	372.02	4927.42	359.44	348.38	1900.75	621.89	662.63	150.67	127 22	243.17	446.78	166.58	396.88	240.93	60.77	139.66	571.41	199.66	1015.21	119.62	321.26	94.50	632.20	960.96	496.55	114.71	161.34	323.40	493.54	3956.30	1316.45	316.80	255.91	1193.03	781.29	80.65	108.65
	Aug. Mormal	A 72	7.33	2.57	9.30	8.00	5.51	7.02	5.21	12.17	3.43	9.89	3.18	17.58	5.98	18.16	21.01	21.79	14.01	4.33	4.51	3.77	6:39	8.39	3.79	9.20	3.13	4.31	5.59	6.71	29.57	€6.	14.68	6.79	16.08	71.9	7.60	<del>4</del> 8	<b>2</b> .	14.37	7.75	124.53	6.3 24.	2.89	14.11	11.58	2.85	4.14	9.30
_	Accession	H05076	R49597	AA433851	AA181023	N33063	AA488992	AA489246	AA430665	AA487488	N70208	AA488073	H86554	AA451904	W80701	N48698	AA775616	H61243	AA453783	W25368	R26785	AA402207	AA401137	AA171760	AA454743	AA424518	W38022	AA676825	R24635	AA872020	AA427924	AA017544	N50854	AA173430	AA598508	AA459401	H50114	AA126115	T51689	AA291749	AA425934	W05026	AA031513	AA044205	AA773478	AA454854	AA227594	N53031	H13688
	IMAGG CL	250878	37310	770910	625011	270385	824894	825085	770388	841645	296488	840687	223350	788675	415562	279388	378461	236034	813730	308989	132636	741139	741497	594684	809784	767069	322223	454970	131839	1475659	773495	361323	280782	595238	897770	810960	179163	511428	72391	725321	756931	295483	470393	486279	845345	806608	667482	246430	148225
	•	30380	14080	1616	14508	11150	19109	4003	8658	9183	10559	2450	10622	1335	7791	13279	14552	6329	16723	3713	18699	4275	2714	15113	85	5827	6156	21308	4312	16071	20559	6678	21910	12797	3220	950	11778	4228	4414	6774	10985	4938	4228	4966	21265	12983	4282	6450	6770

Page 1 (of 10 pages of Table 2C)

	Page 2 (of 10 pages of Table 2C)
	Page 2 (of 10 pa
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	Placenta		Lung	Testis	Colon	Eye	Ovary	Liver	Placenta		Muscle	Other	Ovany	Tonsil	Pancreas	Pancreas	Prostate	Aorta		Adrenal gland	Thymus	Heart	Cervix	Colan	Pooled	Pool			Lymph	Adrenal gland	- B	0000	Hear	Pancreas	Donge	C C	CNS	Esophagus	cForeskin			Ear			Color		LID not found	Parathyroid		. Vigue
	Adrenal gland Placenta		Liver	Heart	Pooled	Blood	Skin	Adipose	Spleen	Brain	Ovary	LID not found	Breast	Uterus	Liver	Larynx	Ovary	Colon		•	_	Eye	Blood	Testis	Parathyroid	Colon			Ovary	6un ,	Testis	Color	Breast	CECK	Spieen	ol Eorockin	Foreskin	CNose	Head and ne			Salivary gland Pancreas	Pooled	LID not found	Germ Cell		Pool	Prostate		object
	57.07 CNS	278.45		Auscle		Veural	412.17 Thyroid			Serm Cell	Thyroid		671.26 Adipose		655.1 Parathyroid		333.71 Germ Cell	Thymus		289.73 Neural		151.1 Ovary	Larynx	Thymus	Nose	334.46 Kidney			301.16 Marrow	Ovary	576.49 Ovary	ignore	352.18	24.9 Ovary	bost 12 inymus	351 Of Crooth misclEpsekin	634.12 Ear	117.89 Smooth musciNose	120.51 Lymph node Head and nec Foreskin	278.45		Salivary glar	Stomach	Brain	Blood		Placenta	Kidney	421.53	Zr.za Gall Diavuci
	F	7	×		-	4	7	Ξ	ဖ	က			-	ო	7	5	20			×		-				-			6	ļ	2	;	16	9	٥	>	(10	• •	6	<b>±</b>								•	ın (	Ð
3C	1.00	00:0	0.00	0.0	0.00	0.00	3.00	8:	8.	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	3 8	3 6	3 8	900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	nn:7
Table 2C	11.00	8.1	11.00	11.00	11.00	1.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.6	9.00	9.00	9.00	9.00	9.00	0.6	9:00	9.00	9.00	90.0	9 6	9 6	90	9.00	9.00	9.00	9.00	9.00	8.00 6.00	9.00	9.00	8.00	8.0	8.00	g.00
	110.14	105.08	15.31	117.63	14.88	115.48	19.68	46.84	29.09	21.80	7.93	19.98	33.25	8.67	13.30	12.19	12.35	15.02	8.8	95.10	17.04	31.92	56.58	40.13	18.89	42.05	16.97	16.20	114.81	10.19	7.88	11.83	15.27	35.33	22.22	97.00	37.08	19 97	15.38	102.27	23.20	51.11	21.76	9.66	11.57	24.40	14.90	18.02	13.12	DR.4-
	1683.19	2000.27	47.72	1464.63	104.77	518.74	288.69	244.63	277.32	64.43	381.75	280.23	380.36	93.80	30.08	1116.13	53.22	78.40	97.80	687.41	544.63	119.61	280.19	94.80	98.20	180.46	136.70	116.02	301.01	96.09	43.21	33.33	66.52	337.36	483.45	00.93	588.24	1075 17	261.44	3034.57	219.72	392.52	426.06	82.56	64.84	224.10	455.14	132.81	599.97	37.43
	15.28	19.04	3.12	12.45	7.05	4.47	14.87	6.22	9.53	2.96	48.11	14.03	10.84	10.81	2.26	91.58	4.31	5.22	2.86	7.23	31.86	3.75	4.95	2.36	5.20	4.29	8.06	7.18	2.62	5.98	5.50	2.82	4.38	9.55	21.75	5.6	30.02 30.45	53.84	17.02	29.67	9.47	7.68	19.58	8.55	5.61	9.18	30.54	7.37	45.73	2.50
	88080H	N92646	N82394	AA453779	AAB20466	R40057	AA405891	H25546	AA457718	H29227	AA459296	T81972	AA434115	R99749	N90246	H59915	AA399334	W81128	H73973	AA454562	AA630800	AA291484	AA857101	AA205598	W37680	W91879	AA497051	AA497051	AA598572	T80878	AA411244	AA037410	R55184	AA488406	AA405000	K/435/	MAZBZZZO	AA63402B	AA486092	AA663981	H29783	AA844818	AA120866	R40967	AA630100	R63497	R66057	W72972	H20826	N78083
	46173	289337	288663	813719	951108	27544	742101	161456	810727	52704	810911	108523	770212	201727	305606	204335	725680	347036	232860	809503	856447	724888	1434905	648753	321808	415229	823590	823590	897822	109123	724112	321271	154654	843028	712341	143322	1,2387	968333	840783	855745	52755	1412238	490865	28958	854691	138693	140515	344854	51548	248261
	10575	3808	11362	15317	17771	17895	5804	798	7366	8280	10935	99	822	2421	2647	2692	4248	4573	6238	9014	11418	12134	14932	21272	7061	8871	3214	5070	5089	381	452	719	2530	2802	4015	7009	8 8	04.70	11609	12145	12281	14156	14654	16850	19828	21571	4412	7037	11821	1952

		1 Other	Esophagus	Colon	Adipose	Tonsil	Placenta		Colon		Ovary	Germ Cell	Skin	d Other	Breast		Kidney		Germ Cell	Germ Cell	Brain	Stomach	clLymph				Macenta	:	Gail bladder	LID not found	LID not found	d Other	Ovary	d Other	d Other	Parathyroid	Prostate	Cleros	Kidooy	Hanne	oferd*		Whole embron	Small intention		Brain	Pancreas	Brain	;	Pooled Foreskin	other other
	Aorta	LID not found	<b>eS</b> kin	Uterus	Liver	Ovary	Splean		Germ Cell		Pancreas	Aorta	musciPlacenta	LID not found	Stomach		Placenta	LID not found	Heart	Cervix	1 Ovary	Ð	Smooth musclLymph	Blood			Pool	:	d Germ Cell	oBrain	Ovary	LID not found Other	Heart	Lib not found Other	LID not four	Nose:	LNer	Ç.	موامن		Spiedii		Pooled		acodina d	Fooling :	Foreskin	Lymph		Pooled	LIO not four
	343.57 Parathyroid	391.73 Pool	406.29 Small intestingSkin	245.32 Eve	Cervix	Pancreas	172.31 Nose		550.58 Stomach	118.59	241.84 Spleen		Smooth muse	236.72 Pool	475.65 Eye		262.56 •	232.44 Pool	Ovary	440.23 Esophagus	471.33 Adrenal gland Ovary	174.53 Small intestine	453.51 Neural	22.62 Pancreas		,	Eye		251 Adrenal gland Germ Cell	278.4 Whole embryoBrain	Lung	<b>D</b> 00	633.32 Lung	289.86 Pool	226.98 Pool	223.76 Pancreas	Kidney	Grain	2/8.24	5000000	POOR CROPS	507 3 03	30.0 CN3	207.00 July 20.702	4.6.45 Lymph riode	145.78 Eye	217.43 Aorta	Pancreas	170.16	Adipose	457.41 Pool
	-	•	9	40	:		9		-	ဖ	7	g		Ξ	17		Ξ	Ξ		80	2	-	4	Ŧ					4	19			S	Ξ	13	<u>6</u>		;	4	•	Ď	8	7 >	‹ ;	<b>*</b> '	£ ;	5		16		12
Table 2C	2.00	2.00	1.00	6	100	0.1	1.00	1.00	0.00	0.00	0.0	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	8.0	0.00	0.00	9.0	0.00	2.00	<b>4</b> .00	9 •	3.00	2.00	2.00	9.	0.1	0.5	8.6	8.	8. 6	9. 6	9. 6	90.	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tab	8.00	800	8	8	8 8	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8 00	8.00	8.00	9.00	<b>B</b> .00	8.00	8.00	9.00	8.00	9.00	8.00	8.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	9.6	3 3	9.7	9.5	8.6	8.5	8.	7.00	7.00	7.00	7.00	7.00	7.00
	10.88	1169	23.00	15.35	900	17.94	22.75	35.90	16.95	15.39	11.32	55.08	16.24	12.55	19.71	19.58	15.77	12.16	17.50	11.40	15.69	13.26	68.25	23.42	20.05	48.08	11.38	29.21	16.31	12.07	8.39	19.93	34.90	31.34	22.73	27.49	28.27	16.83	14.34	6.0	12.88	11.87	7.93	16.80	88.16	19.25	23.61	14.59	12.94	23.29	10.27
	67.88	215 95	588.14	135 78	830.70	107.04	228.44	111.29	102.30	200.07	30.26	255.66	90.47	44.23	131.55	31.48	107.28	87.44	77.86	246.82	188.01	381.61	346.78	75.85	135.95	2250.74	21.25	117.01	335.32	195.37	39.05	265.62	164.27	287.13	78.84	1271.99	77.76	61.73	4461.25	90.17	45.33	192.86	527.64	169.12	285.97	82.85	509.40	28.40	670.76	169.22	156.45
	6.25	18.48	25.48	2 8 8	20.03	26.5	10.08	3.10	6.03	13.00	2.87	4.64	5.57	3.52	6.67	1.61	6.80	7.19	4.45	21.64	11.98	28.78	5.08	3.24	6.78	46.81	1.87	4.01	20.56	16.19	4.65	13.33	4.71	9.16	3.47	46.27	2.75	3.65	311.21	08.5	3.52	18.25	66.53	10.07	3.21	4.30	21.58	1.95	51.83	7.27	15.24
	H39187	TORUZE	E07778	000000	AA4456	AA411685	R82802	AA777384	W01048	T63324	AA456598	N49629	AA453816	W01645	162552	H22568	W47362	R99105	AA443637	AA406020	AA419229	AA187641	AA878880	AA128407	AA873885	AA488070	R42536	H87271	R10382	R37696	AA427978	R20755	AA022949	H57273	AA455012	AA459039	H62162	H23265	H88540	197710	AA127741	198935	AA873604	AA496984	H73590	AA019482	AA458886	H30888	T94293	N28268	T90201
	175103	121738	7517.50	40508	400000	753376	148914	449034	296444	80109	809552	243741	813757	295106	79726	52021	324715	201440	771301	742132	755612	625863	1493160	526587	1475595	840677	29987	220473	129032	25520	771023	26196	364563	204688	811943	814378	208413	52226	253009	121551	490329	121154	1323448	823647	214441	383088	815542	184038	119914	234376	110585
	2387	5810	9007	9000	1284	14440	18759	20060	239	1872	2232	2756	5080	5682	80	6820	7294	8542	9001	10472	10637	12861	13348	14773	16087	17522	17650	20448	22034	10652	6103	11118	6305	4157	13639	4747	5552	1927	8907	10181	11321	14101	16863	16885	150	1250	1698	2335	2451	2516	2561

Page 3 (of 10 pages of Table 2C)

	68.81 - Pool LID not found			25.88 Pool LID not found Other	Pool LID not found	Lymph	153.84 Thymus Ovary Blood	Foreskin	287.05 Pancreas Ovary Colon		_		sagus	Parathyroid		561.65 Breast Cervix Ovary	•	m Peripheral ner	15.89 Muscle Uterus Brain	Stomach Whole embryoGerm Cell	440.43 Blood Lung Overy	CNS Pool LID not found	Uterus Heart Pool	251 Adrenal gland Germ Cell Gall bladder	Muscle Tonsil Brain		Stomach	383.22 Epididymis CNS Ovary		5		ta LID not found	Bone Muscle Lymph	429.02 Pool LID not found Other	i	<b>.</b>	49.43 Pool LIU not found Carlet	2 1	Sall bladder Tonsii		Ovary	1000	439.12 Pool LID not found Other	1004		_	Pool LID not found	Prostate	<u>.</u>	Pool	•
	11		9	æ		ĸ	70		49	-	æ		<del>-</del>	-	=	60		8	-		80			7			72	17			18	21		14	;	£.	m •	-	•	œ	ത	ო	16	5		21	20				•
3 C	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8:0	5.00	5.00	9:00	2.00	2.00	5.00	2.00	3	2.00	5.00	5.00	2.00	5.00	2.00	9:00	2.00	5.00	9:00	5.00	5.8	50.1
Table	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	9.2	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	2.00	2.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	00.9	0.00	00.9	9 9	6.00	e:00	6.00	6.00	6.00	9.00	6.00	6.00	6.00	9.00	6.00	6.00	<b>9</b> :00	6.00	9.00	0.9	
	8.25	12.10	16.74	8.29	9.64	14.99	12.93	7.98	12.06	27.93	6.93	77.40	8.78	9.07	22.14	17.71	39.51	8.15	12.68	23.41	10.12	28.95	8.94	35.12	16.67	13.57	8.64	83.19	12.82	18.40	20.44	10.50	14.01	22.64	21.65	11.64	15.67	12.12	12.29	16.30	13.40	13.11	18.71	20.69	12.35	16.81	9.80	17.48	20.65	18.31	. :
	241.70	212.01	279.39	54.17	262.10	73.61	58.09	90.12	24.85	111.46	18.88	392.62	145.66	48.88	1420.22	309.86	78.04	78.19	445.08	110.99	74.50	216.16	67.51	697.63	449.11	184.64	39.34	694.94	49.19	130.11	376.08	315.07	549.46	626.95	600.51	182.89	512.12	443.91	396.25	279.24	537.54	325.60	1040.08	285.33	156.14	188.27	289.99	502.50	652.86	407.93	
	28.31	17.51	16.69	6.53	27.18	18.4	4.49	11.29	2.06	3.98	2.1	5.07	18.58	5.39	64.15	17.49	2.00	09.6	35.10	4.74	7.36	7.47	7.55	19.86	26.94	13.61	4.55	8.35	3.84	7.07	18.40	30.01	39.23	27.69	27.74	15.71	32.68	36.63	32.24	17.13	40.13	24.84	55.60	12.82	12.65	11.20	29.59	28.75	31.62	22.28	
	N53453	R88764	T63324	N66843	R88591	N64862	AA459588	N21592	AA425900	H11453	W74802	AA496539	AA485427	AA005153	AA418251	AA464963	H28734	T40541	AA127017	AA449444	AA169379	N51682	WR7536	AA858028	AA417622	AA699931	R39446	AA436401	AA778846	N21338	R93007	R68219	N58163	N77203	H93819	R68381	R94840	N78301	H91337	H47883	H77797	R81004	H55897	N54993	R98074	R91821	H58574	R68736	R91176	R91244	: !
	245299	195034	80109	295600	201334	293325	814526	266161	769600	47459	345081	755881	811048	428338	755599	810089	49987	60585	502634	785585	593929	279058	343174	1323591	746159	435319	23819	756463	452583	265103	196636	141108	247635	245413	242010	137885	275634	248688	240748	193724	214205	194985	204098	245386	206781	195553	204489	139250	195052	195091	
	2641	3071	3242	3361	4193	5023	9290	6148	7084	7504	8915	9028	9421	9753	9784	10501	10842	11774	12069	12838	13254	13848	14858	16887	20712	20759	21406	21493	21668	22185	369	286	10	1057	1400	1428	1849	1890	2204	2208	2592	2960	3365	3401	¥.	3688	4205	4428	4464	4480	

Page 4 (of 10 pages of Table 2C)

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		LID not found	Uterus		LID not found	LID not found Other	LID not found Other	and Other	Whole embryo		.ID not found Other	LID not found	Pool	ID not found Other	ID not found Other	Blood	Head and neck	•	JD not found Other	JD not found Other	Colon	und Other	LID not found Other	Colon	LID not found	JD not found Other	Pool	Heart	Imbilical cord Blood	Pool	ID not found Other	Breast	und Oiner	Siles	S CAR	Hear	Eye		Synovial mem Thyroid	Synovial mem Parathyroid		_		[ Solo :	ID not found Other	LID not found Other	ound Other	SNS	Seigo	
			Brain		Poot	LID not for	LID not for	LID not for	Hear		LID not for	Brain	tung	LID not for	LID not for	Spleen	Nose	Aorta	LID not for	LIOnotfo	Breast			Germ Cell	Pog	LID not fo	Tonsi	Kidney	Cubilical	<u>دواه</u>		Placenta		TIBBIT Drain		Kidney	CNS	Germ Cell	Synovial	Synovial		_	Lymph	Sem Ce			_	Ovary		
	297.84	207.23 Lung	20.09 Pooled		Testis	216.99 Pool	Pool	Pool	545.1 Foreskin		334.17 CNS	193.03 Lymph	508.52 Tonsil	Pool	249.15 Pool	167.19 Liver	Larynx	139.88 CNS	38.19 Brain	635.66 Pool	464.53 Kidney	670.02 Brain	Ęye	256.24 Brain	539.64 Kidney	638.07 Pool	Placenta	333.71 CNS	344.82 Thyroid	334.46 Kidney	467.98 Brain	119.16 Heart	272.44 2001	Carynx	Paraulynous	333 71 CNS	286.56 Kidney	Ovary	473.05 Lymph	39.87 Esophagus	225.9	Pool	117.99 Lymph node	CNS	8	Placenta	473.2 Pool	268.41 Esophagus	421.53 Uver	130.31
	13	4	7			~			7		œ	16	7		-	F		m	60	4	12	4		æ	9	-		20	ų,	-	₹ .	<b>-</b> ;	1		r	s É	2		7	2	7,		9				<b>2</b> :	€.	n ;	71
Table 2C	5.00	5.00	2.00	3.00	5.00	5.00	5.00	5.00	9:00	9.00	9.90	9.0	9:00	<b>8</b> .00	4.00	8.8	<b>4</b> .00	<b>4</b> .00	4.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	5.00	8.5	8.5	8.5	3.5	3 5	8 8	8	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0:00	0.00
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	20.14	19.96	13.54	17.96	19.30	20.12	16.30	15.06	18.12	22.30	11.85	9.10	14.50	14.24	10.21	5.95	28.72	8.06	32.94	10.45	14.45	11.70	18.60	108.17	8.96	9.84	10.29	11.99	11.73	34.4	16.01	18.95	2	36.91	16.25	9.04 2 4 6	9.41	22.51	12.50	15.99	9.25	8.02	13.83	8.55	7.50	9.25	9.26	21.81	8.74	11.85
	97.87	914.31	262.62	636.95	434.35	198.27	752.28	206.53	253.22	1326.43	210.48	374.58	887.19	259.47	645.51	174.79	303.83	645.94	119.59	101.79	486.27	748.53	480.86	261.02	702.93	124.80	527.18	470.67	52.60	114.04	438.85	56.67	98.25	102.48	45.22	27.181	F 57	101.01	126.38	1501.71	237.06	306.84	1436.31	46.58	76.85	169.96	175.55	115.80	96.58	163.65
	4.86	45.80	22.76	35.47	22.51	9.85	46.14	13.71	13.98	59.47	17.77	41.18	61.18	18.22	63.22	29.39	10.58	80.09	3.63	9.74	33.66	63.82	25.86	2.41	78.47	12.68	51.22	7.12	4.48	3.31	27.29	2.99	14.15	2.78	2.78	27.12	5 K	4 49	10.11	100.19	25.64	38.26	103.88	5.45	10.25	18.37	18.96	5.31	11.05	13.81
	AA461108	N79558	H79130	W69791	R99004	H64244	R92285	R99690	R92310	N49231	N62080	R44847	N92947	R96525	H93319	H65052	AA458884	H10661	R53446	H60503	H53893	R44607	AA505003	R60170	N99839	T97427	W04152	W73473	H94471	H10045	H22949	R83758	H56424	W73140	H22856	AA454864	AA028397 R59722	44402040	T62491	AA412053	T98529	R92865	R47979	AA491302	H89795	R53860	H75490	. R54560	150788	T79084
	796198	301678	235008	344141	200837	210622	195820	201317	195853	280122	289867	34010	307740	199641	242011	210548	810813	48236	40038	207990	202740	33022	839764	42824	284255	121808	295916	344430	243159	46827	51831	187616	203805	344588	51939	810002	70000	741919	79629	727251	123065	196837	153411	824659	240318	138168	230637	39874	78294	113488
	4550	4559	4590	4608	4861	\$208	5272	5721	5968	6048	7340	7556	11210	848	370	5725	5788	10309	10321	2920	5228	11376	11851	13338	287	4107	5747	7139	7961	11881	17821	111	3397	344	7224	7814	775A	20541	æ	5	263	321	460	707	209	1024	1081	1456	1570	1783

	LiD not found Other	LID not found Other	ound Other		LID not found Other		LID not found		LID not toung Other	Kidney	Esoprisgus December	Dreasi	Cerak	head and nectoron	Kidnev	LID not found Other	Blood	Adipose	Thyrold		_	LID not found	Adipose	_	_	Heart	ID not found Other	Umbilical cord Lymph node	LID not found	CID not found		Breast	Lung		D Cieza	Blood		•				ш	_	_	-	Parathyroid	LID not found	Pool	Uterus
	LID not fo	Libratio	LID not fo		LID not fo	yoTansil	Foreskin		ביים חסן זי	Cterus	SCILBIYAN	5	Bone	Dead an	Placenta	LID not f	erCNS	Skin	Tonsil	Pool	Parathyroid	Pool	Skin	Breast	Placenta	Blood			Kidney	P.00	1	Hear	Pooled	ecratauy emfile	264	Ş Ö	Testis	Spleen	Esopha	Pancres	Heart	Spleen	Uterus	Germ Cell			Brain	CNS	
	155.48 Pool	Foreskin	315.78 Pool	48.87	Pool	191.53 Whole embryoTonsil	293.66 Eye	424.5/	474.57 Pool	675.52 Placenta Uterus	643.74 Smooth mu	81.13 Inymus	Grain Co. 20	254.9 Larynx 740.99 Liver	,	544.88 Pool	576.3 Peripheral ner CNS	118.71 Thymus	701.95 Kidney	Brain	Eye	Cervix	118.71 Thymus	234.91 Colon	401.87 Foreskin	136.15 Lymph	Pool	63.51 Synovial mem	Uterus	Prostate	309.17	Uterus	Ovary Pooled	200.4 Dead allo riechera	220.04 Syllovial III	522.77 Foreskin	88.54 Heart	680.88 Ovary	564.08 Larynx	78.13 Adipose	240.37 Ovary	Eye	Cervix	Pooled	245.06 Aorta	42.89 Esophagus	Colon	244.38 Blood	75.41 Parathyroid
	5		2	22		n	<b>-</b> 1	~ ;	<u> </u>	۰ ،	n •	-	ć	₹ 7	-	2	-	9	က				9	19	∞	13		92		:	5		Ş	5 \$	2 5	; =	8	~	80	19	15				×	7		×	-
Table 2C	0.00	0.00	0.00	0.00	0.00	0.00	0:00	0.00	0.00	0.00	0.00	900	9.0	9 6	8 6	000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9:0	0.0	0:00	0:00	9 6	9.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00
Tab	9.00	8.0	9.00	9.00	9.00	9.00	9.00	90.9	800	8 8	9.6	9.9	9.8	3 8	9 6	8.00	909	8.00	9.00	6.00	9.00	9.00	6.00	6.00	9.00	6.00	6.00	<b>9</b> .00	9.00	8.00	6.90	6.00	9.9	3 8	9 6	9 9	9	6.00	6.00	9.00	6.00	6.00	9.00	6.00	9.00	6.00	9.00	8.00	6.00
	7.60	8.34	8.92	33.43	11.92	8.02	7.7	8.43	7.13	378.45	37.70	13.47	27.15	19.47	2.5	B.74	16.02	8.18	8.43	12.55	9.69	6.84	9.50	16.97	10.86	34.56	8.63	36.21	11.30	17.58	9.85	29.78	10.94	97.7	9.48	7.51	10.33	7.07	10.64	9.48	17.18	12.83	13.38	10.03	22.29	12.38	21.31	13.99	13.87
	219.15	103.45	37.73	529.35	143.03	455.79	70.64	113.53	101.45	1338.88	447.40	188.93	356.01	155.62	122 40	132.58	119.62	297.75	73.88	94.44	233.28	43.67	191.50	147.38	102.30	512.53	142.66	168.85	21.54	325.08	96.38	288.81	58.93	160.52	100.5	88.78	56.03	123.68	391.86	166.98	96.24	38.06	61.72	70.55	389.56	117.89	9928.18	189.67	49.29
	28.85	12.40	4.23	15.83	12.00	56.84	9.16	13.46	14.24	بر ال	11.87	14.03	13.11	7.99	5.03	15.17	7.47	36.49	8.76	7.53	24.08	6.38	20.18	8.68	9.42	14.83	16.54	4.67	1.91	18.49	9.58	9.70	5.39	22.04	0.5	11.82	5.43	17.48	36.84	17.62	5.60	2.97	4.62	4	17.48	9.52	465.83	13.58	3.55
	H53920	N72009	H66855	T67053	R90957	AA404276	N34751	R22113	H72259	T46924	H54629	N90491	AA410207	AA430504	T98615	HEDEST	H20872	AA458472	AA598652	H38148	R92347	R89581	AA669055	R52030	N29918	W73144	AA011598	AA629897	AA115328	W88725	AA679907	AA045524	AA457137	AABITIBS	AA461218	AA044814	AA025930	R01094	AAB30094	AA878576	H64591	R42312	AA488604	W60473	AA133590	AA451863	AA100674	AA193578	AA417355
	202802	280893	210744	66560	194906	758332	271378	130791	213535	70827	203132	292833	754438	789921	401604	20706	51447	809598	897906	191516	195125	185370	854444	154172	271076	344589	429685	884644	501479	417761	868375	487327	810457	4546/2	739193	488984	365642	124447	854698	1492426	233759	29920	843058	339179	512116	786308	511952	666029	731198
	1877	2247	2270	2424	2944	3015	3031	3719	3801	3981	4016	4481	4786	5051	0000	8 8	5826	5839	5857	5964	5984	6127	6648	6771	6948	7456	8087	8176	8197	8233	8248	8374	8264	6699	10040	11283	11962	12046	12058	12668	14016	14040	14735	14842	15509	15726	15927	15940	16285

Page 6 (of 10 pages of Table 2C)

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	ı		Colon		Germ Cell	Heart	Blood		Other	LID not found	Prostate	Other	Other	Ulerus	omer To co	CID not found	10 20, 62,134	Brain Brain	, and a	Librat faind		Kidney	1 ID not found	Placenta	Placenta	Pool	d Other	d Other	Placenta	Adrenal gland	LID not found	Heart	d Other	Pone	LID not found	LID not found	Foreskin	d Other	LID not found	LID not found	LID not found	LID not found	d Other	d Other	Brain	Eye	Parainyroid	tead and nec Esopnagus
	Ovary	į	00000	raramyron	Pancreas	Eye	clBreast		LID not found Other	Testis	Lymph	LiD not found Other			CID not toung Other	יייים אינוים אינוים אינוים אינוים היים	eiora Propinsi	Toetie	In pot found Other		Darrie de	Placenta	1000	Bone	Prostate	Heart	LID not found Other	LID not found Other		Blood	Testis	Colon	LID not found Other		<u> </u>	Heart	Gall bladder	LID not found Other	Brain	Uterus	Kidney	Lung	LID not found Other	LID not found Other	Piacenta	Pooled	Brain	Meag and m
	Матом		482 Umbilical card Brood	SON SE. / CE	64.91 Testis	Ovary	492.17 Smooth musclBreast	529.62	Pool	675.72 Spleen	458.69 Stomach	124.08 Pool	220.59 Pool	104.03 Lymph node	Brain	433.96 Small Intestination	Figure Can	143 75 Kidnow	406 80 1040	10 76 0 000	430 44 Limsh	103.11 Lympii 107.85 Mead	ASR SO Kidney	Stomach	252.87 Tonsil	840.87 Placenta	75.41 Pool	Pool	127.63 Skin	45.84 Germ Cell	115.59 Placenta	Breast	100d	640.55 Neural	Foreskin	32.59 Placenta	Pancreas	253.65 Brain	591.57 -	Aorta	168.41 Ovary	107.1 Pool	Pool	Pool	Pooled	195.94 Pancreas	584.16 Larynx	387.92 Larynx
		;	و م	ח	5		11	2		~	ထ	= :	€.	9	•	<b>.</b>	0 (	ÞŞ	2 5	<u>.</u>	ne	7 5	2 "	•	œ	~	-		-	22	0		•	o 1	•	5		2	-		∞	13				₽	vo ;	=
Table 2C	0.00	0.00	0.00	9.6	0.00	0.00	00.0	5.00	2:00	5.00	8.	8.8	5.00	8.	8.0	8 8	3.6	90.00	8 8	8 6	00.5	8 8	3 5	8 8	9	0.4	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	0.5	2.00	2.00	2.00	2.00	2.00	9.	1.00	1.00	1.00	1.00	1.00	0.5	00.1
Tab	6.00	9.00	9.00	6.00	909	9.00	6.00	2.00	2.8	2.00	2.00	9.00	2.00	2.00	2.00	8.6	9.6	8 8	8 8	3 5	8.6	3 3	00.0	9 6	90	200	2.00	2.00	5.00	5.00	<b>9</b> .00	5.00	9	2.00	3 6	8	909	9.8	2.00	5.00	9.00	9.00	<b>8</b>	5.00 5.00	9.8	2.00	8	5.00
	12.13	35.19	9.32	9.04	17.39	36.07	14.35	13.69	11.73	12.94	12.44	12.47	17.83	9.46	10.23	10.48	36.71	10.67	26.37	1.01	00.71	33.88	16.31	8.48	12.33	16.89	6.98	68.9	7.23	16.37	12.96	23.66	3	7.93	12.7	14.50	16.46	24.08	6.92	10.14	12.65	8.76	6.46	7.48	7.02	17.05	21.35	19.27
	99.35	113.06	24.16	44.71	114.57	495.39	47.98	297.33	208.28	155.50	515.90	680.52	180.28	210.28	147.95	892.20	477.45	318.81	27.00	74.50 10.00	77.865	517.67	00.03	145.52	80.28	215.41	185.68	193.16	150.27	207.32	217.56	80'.299	98.74	216.95	1429.48	60.30	91.00	22.97	407.74	212.25	93.08	258.66	90.92	276.50	68.18	141.98	47.37	97.13
	6.19	3.21	2.59	5.08 5.08	5 g	13.73	3.34	21.73	17.84	12.01	41.46	54.59	10.11	22.22	14.47	85.14	24.31	29.63	0.00	5.40 5.40	97.78	37.30	5.6	47.17	C 24	12.75	26.60	27.64	20.78	12.66	16.79	28.20	10.93	27.36	27.98	4 16	5.53	0.95	58.91	20.94	7.36	29.54	14.08	36.96	9.71	8.32	2.22	5.04
	AA443140	R41376	AA158211	H81554	AA620757	AA443638	AA678318	N73551	R07998	R91031	R99627	R92292	R99386	N33927	R66415	AA088861	H19415	H09769	703800 00000	K38381	*/AZAH	R56134	K66657	WU3612	967001	NZ6802	T98484	N49439	H58873	AA598817	R64449	H63668	N71585	R97031	AA45/7/8	871190	N35301	R54109	H29771	AA131450	AA478279	R14602	H80958	197870	R26094	AA001432	H10939	AA055486
	796723	29237	592778	238689	1049287	771303	430954	295973	127076	195037	201393	195821	201229	243784	41348	511809	51395	46360	40130	23800	242001	41192	141230	28/411	136330	257011	122126	243428	207358	897956	141368	209167	295044	201517	838359	442984	271852	41825	52647	503675	740925	128735	230341	121954	132159	362059	47234	377275
	16669	17.144	17785	17815	20107	20838	21423	824	19	2968	4977	5280	2697	6032	1209	7246	9488	10232	/820L	10348	10860	11857	99	747	9 5	5310	247	2678	4752	4774	4840	5220	5674	379	<b>3</b> 8	3330	2888	10381	11348	15476	1942	2553	3390	4891	5255	7488	9929	10954

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	LID not found Other	Placenta	Lymph	Eye	Liver	Parathyroid	Colon	Hacenta	Brain	Prostate	Eye	UD not found	Placenta		Ovary		Lung	Whole embryoPlacenta	Testis	LID not foun	CNS	Pool	Spleen	CNS	Skin		d Uterus	Heart	:	LID not found Other	LID not four	Synovial me	Stomach	LID not found Other	P 20	CID not found Utner	8 3	100L	LID not found Other		LID not found Other	LID not four	LID not fou		_		_	LID not found Other	Pancreas		Skin
	Eya	307.8 Pooled	Spleen	438.11 Brain	Brain	626.75 Eye	gnore	136.63 Paralhyroid	417.03 CNS	304.45 Aorta	CNS	Eye	119.16 Heart	16.42	Pancreas	16.42	118.59 Lymph	253.8 Pooled	Smooth musc	85.25 Pool	576.49 Pooled		Thyroid	Aorta CNS Brain	191.81 Adipose		40.26 Umbilical cord Uterus	41.44 Lymph	450.16	Placenta	225.9 Pool	Cerix	471.03 Ovary	Pao :	542.11 Spleen	- FOO	Brain	18313	500	25. Pd0l	Pool	250.6 Breast	102.82 Pool	96.57 CNS	726.84 Pool	357.75 Pool	636.05 Gall bladder	Pool	701.75 Pooled	250.6	Esophagus
		17		80		S		7	S	17				7		Ξ	9	4		-	7				-		4	Ξ	4	,	23		9		∞				8	77	;	19	4 ;	9 4		S	4		თ :	19	
Table 2C	1.00	9.5	1.00	1.00	97.	1.00	9.	8	8.	1.8	1.00	1.00	0.00	0.00	0.00	0.00	0:00	0.00	8.0	0:00	0.0	0.0	0.00	0.00	0:00	0.00	0:00	0:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000	9.0	0.00	0.00	0.08	000	0.00	0.00	0:00	0.00	0.0	0.00	0.00	0:00	0:00	0.00
Tabi	2.00	5.00	2.00	2.00	<b>2</b> .00	2.00	9.00	9.00	9.00	9.00	5.00	5.00	2.00	5.00	<b>2</b> .00	9:00	2.00	5.00	5.00 5.00	5.00	9:00	9.00	9.00	5.00	5.00	9. 8.	5.00	2.00	5.00	9.00	2.00	2.00	2.00	2.0	2.00	5.00	S. 00	9.00	9.6	5.00	5.00	5.00	5.00	5.00	2.00	2.00	5.00	2.00	9.00	2.00	9.00
	14.70	31.33	9.79	142.87	20.82	10.30	10.29	20.72	21.08	29.90	12.42	13.70	30.71	70.02	9.49	140.96	12.82	6.95	13.17	7.59	16.61	7.58	7.02	10.84	47.75	7.01	8.25	7.69	7.18	8.34	8.68	12.37	8.56	18.79	7.30	10.06	8.69	25.7	8.57	6.53	8.89	7.66	8.79	8.29	8.30	7.00	9.22	8.30	110.61	7.52	19.77
	143.60	259.74	403.09	830.35	98.82	256.12	77.58	4981.58	64.54	363.64	97.12	171,44	104.38	1247.32	18.11	2255.66	179.31	500.58	41.15	132.42	76.81	430.86	39.10	39.80	488.78	490.78	199.56	186.77	129.78	605.28	967.64	427.57	416.62	172.78	131.75	761.78	112.46	23.26	161.93	48.35	160.56	682.72	284.33	265.95	700.57	176.76	383.46	293.21	135.62	307.34	1070.61
	8.77	8.28	41.16	5.81	4.75	24.85	7.54	240.42	3.06	6.07	7.82	12.52	3.40	17.81	1.91	16.00	13.99	72.02	3.12	17.45	4.62	56.83	5.57	3.67	10.24	68.69	24.19	24.28	18.08	72.54	11.54	34.56	48.69	8.20	18.06	75.72	12.95	3.7	18.90	7.40	17.87	89.10	33.47	32.09	84.38	25.24	41.59	35.34	1,23	40.85	41.74
	AA169372	H53703	T40725	R45592	AA455988	R43798	AA916728	R32440	N66205	N34316	N47388	AA054643	R62862	N54596	AA029418	N54596	H42679	R26798	AA461521	N74365	W68537	R84375	AA458959	AA022601	AA410567	T64994	R53910	N55492	R94601	R68245	T90369	AA598863	AA432030	185274	H70143	N80622	T95160	T95462	H61037	R95819	R95851	R70361	H47542	H78855	R94591	H93842	H91121	H73013	R51912	T95657	R70598
	609743	238059	61044	35481	812074	35300	1473690	131978	278644	277173	280602	381038	138917	245330	366834	245330	183337	132569	795856	296168	342593	194587	810843	364555	754479	66884	138189	246144	198026	137797	110987	897982	782513	120162	213527	292207	120124	120823	208769	199229	189220	155201	193533	233289	276286	242084	241179	235173	39583	120681	141854
	11126	12018	12103	12955	14439	14590	15676	17546	19086	21482	21494	21812	28	8	501	118	125	254	292	320	527	8	ğ	ğ	926	1009	1048	1130	1137	404	1422	1648	1696	1783	1789	1785	1789	1795	1609	1889	1905	1918	2136	2152	2181	2213	2262	2302	2478	2489	2505

	Foreskin	Pool	ther	LiD not found	ther	Breast	ymus	lisu	Per	LID not found	ther	Smooth musde		Tonsil	Kidney	ther	Kidney			בייוסו וסתוקי	pieeri	Jacenta	8	5un	à à	100	Ciner	200	JO not round	resus	Parathuroid	Other	Blood	[hyroid	a	Ovary	Tonsil		Colon	Whole embryo	onsil	oreskin	sern Cell	Thyroid	oreskin	ancreas	Placenta	Adrenal gland	Esophagus
	Bone	_	found to	Pool	found	Colon	d Gall bladder Th	Whole embryoTansil	t found	Pool	Ž	Thymus Si		reast	1		Pool Kidney		ביים אפרים ביים	1001		_	-				000	A PARA		Fancreas	Disconta	LID not found O	Placenta B	Parathyroid T	Stomach	Lung	Pooled			Breast				B	_	_	_	`	Skin
	86.82 Ear	Small intestineTonsil	-1.31 Pool	Liver	310.17 Pool	81.13 Thymus	619.8 Umbilical cord Gall bladder Thymus	Breast	85.48 Pool	463.92 Stomach	322.97 Pool	118.38 Nose	246.56	92.78 Ovary	Whole embryo	354.68 P001	Pooled	8 6	00.4	asodiov 60 coc	203.30 Stomach	366.76 Stomacn	Greast	Aorta	Whole embryocervix	684.2 Ear	695.13 Pool	266.41 Esopnagus	500.33 Lympn	475.57 Maney	460 11   None	Pool	338.92 Pooled	237.93 Trachea	471.03 Ovary	CNS	243.99 Placenta	22	200	354.55 Thymus	Pooled	400.44 Spleen	93.22 Peripheral no	237.93 Trachea	-3.15 -	69.28 Aorta	Breast	48.86 Pooled	228.02 Larynx
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S S	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000	0.00	0.00	0.00	0.60	0.00	8.6	9 9	00.0	0.0	0.00	0.00	0.00	0.00	0.00	0:00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Table 2C	5.00	5.00	9.00	5.00	5.00	5.00	2.00	2.00	2.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	9 6	9 9	2.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	2.00	3 6	9 6	5.00	5.00	5.00	5.00	5.00	5.00	9.00 9.00	5.00	3.00	5.00	5.00	2.00	5.00	5.00	5.00	5.00	9.00
	23.15	8.75	11.60	9.39	6.91	15.86	8.25	5.84	8.48	9.63	9.83	14.42	7.24	7.18	10.13	9.78	7.33	9.89	8.09	 	7.63	8.24	7.55	6.39	6.58	8.23	7.68	22.28	9.63 1	24.25	3.78	2 2	29.13	8.78	11.79	20.67	8.10	8.94	12.82	10.63	9.51	8.31	9.89	7.80	25.73	15.92	73.72	7.87	13.03
	80.80	824.13	61.32	344.86	142.27	256.25	43.37	157.44	587.51	216.48	229.49	438.19	2229.97	65.35	239.05	287.98	165.90	255.51	125.08	138.39	196.78	62.04	944.82	59.83	270.05	157.51	563.30	163.05	87.27	79.35	3218.30	283.75	36,62	137.58	815.43	71.40	542.63	325.85	53.46	644.48	551.59	24.88	75.32	616.12	245.62	66.73	552.19	175.18	76.09
	3.49	94.16	5.29	36.75	20.60	18.16	5.26	26.97	69.25	22.48	23.34	30.39	307.87	9.09	23.61	29.51	22.65	25.92	15.47	18.39	25.79	7.53	125.22	9.38	41.02	19.14	73.34	7.32	9.00	3.27	273.12	30.46	1.26	15.68	69.15	3.45	66.98	38.44	4.17	60.64	58.01	2.89	7.62	77.96	9.55	4.19	7.48	22.28	5.84
	B42R52	H95823	196077	H57242	N48139	N38801	AA465479	R72661	H90603	R08761	H71224	AA486627	H48502	W21482	R89539	R88989	T84381	R89285	N78306	N95107	R94456	H79353	N77671	H77738	W01171	N78103	N95658	AA480851	R16009	AA455911	T64625	K31831 R14894	H02340	H02158	AA48478	AA458533	R31154	R34121	T95151	H25846	H69528	N81017	AA644448	AA400234	AA458878	R28660	W72294	AA405800	AA150532
	31251	243260	120863	204735	243414	244044	814054	156270	241539	127409	214583	840942	207098	307255	195358	195381	111200	105784	248698	293835	198258	235155	247901	234647	298793	248308	293990	810751	66474	813256	80500	124948	150702	160623	782513	811600	134235	138317	120097	161988	212438	301043	744800	743230	108018	133864	345034	742115	592111
	2814	2545	2563	2590	2611	2664	2838	2908	2954	2971	3023	3170	3272	3318	3864	3872	3710	3712	3774	3808	3819	4032	4049	4189	4469	4492	4561	4700	4882	4894	5111	5213	5384	5456	5538	5942	5983	8023	6034	6018	6131	6240	6369	6490	6819	6963	7087	7534	8058

Page 9 (of 10 pages of Table 2C)

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Placenta	SKi	Breast	Eye	Eye	LID not found	Parathyroid	Parathyroid	Ear	CNS	Parathyroid	Parathyroid	LID not found			Thyroid	Other	LID not found	Pool	CNS	Heart	Skin Umbilical cord	Other		CNS	Heart	LID not found	Tonsil	Pool	Ovary	Placenta	Heart	Esophagus	Spleen	Adipose		Heart	Brain	Pooled		Lung
Adrenat pland	Esophagus										Blood	Pool			Parathyroid	D not found	5	gu	ain	dney	Ë	LID not found		Head and nec	Prostate	Heart LID not	Foreskin	oUterus	Testis	Kidney	Brain	Ovary	Tonsil	Blood		Testis	CNS	cordEar		Uterus
Pancreas	561.51 Head and nec	227.81 Esophagus	39.72 Germ Cell Testis	154.34 Neural	Heart	253.29 CNS	42.89 Esophagus	Sedir	101.74 Synovial mem	632.4 Adrenal gland	236.08 Lung Blood	Placenta	271.02	630.22	249.52 Trachea	377.31 Pool	288.35 Testis	73.17 Brain	Parathyroid	Pooled	Larynx	62.24 Brain LI	194.51	ymph node	Colon	Pool Heart	Pooled	Whole embry	Breast	511.92 Breast	CNS	320.39 Lymph node	107.5 Pooled	133.86 ignore	249.31	Ovary		Umbilical con		-1.01 Pooled
	ĸ	, <del>"</del>	NO.	2		£	12		12	-	5		61	-	Ξ	6	9	7				<u> </u>	7	so.						9		11	00	12	4					-
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9	000	3.00	5.0	5.00	5.00	5.00	5.00	9.00	9.00	5.00	5.00	5.00	5.00	5.00	9.8	5.00	9.00	9.00	9.00	5.00	6.00	9.00	5.00	5.00	9.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	9.00	5.00	9.00	9.00
13 46	1	17.33	19.61	8.85	7.11	7.12	7.38	13.87	16.21	15.88	16.76	10.59	16.78	8.41	14.22	10.52	6.80	6.33	7.71	23.95	12.34	44.61	6.93	19.22	47.64	11.44	10.31	7.31	32.18	76.39	17.31	12.39	44.87	8.87	45.50	9. 2.	11.13	14.73	8.83	10.63
153.87	2 12	32.64	28.38	178.23	1010.78	49.81	39.13	458.69	820.58	290.55	70.39	119.15	8999.87	55.60	2378.38	427.64	34.28	20.01	53.89	63.69	71.10	140.66	726.20	115.96	257.50	354.57	15.03	417.54	181.78	282.41	51.53	470.21	247.35	113.58	182.50	194.11	53.16	161.62	54.25	103.35
2	- E	8 8	1.45	20.15	142.07	2.8	5.30	32.83	50.61	18.18	4.20	11.25	538.48	6.61	167.30	40.64	5.04	2.40	6.89	2.66	5.76	3.15	104.73	6.03	5.41	30.98	1.46	57.13	5.65	3.70	2.98	37.94	5.54	12.81	4.01	21.46	4.78	10.98	6.14	9.72
T63431	W02134	R72097	AA453616	W72666	W72692	R32334	AA476285	AA669750	AA164819	AA453474	AA496630	R89317	R78521	R38196	AA053165	AA454668	R91849	R43017	AA398264	W20462	AA454654	R44409	AA488646	AA190825	AA055768	W84658	N30131	AA448859	AA421282	R40176	N64379	AA496452	AA283020	AA504478	N71049	AA477283	R07891	AA057425	AA699707	AA677650
91999	35900	155768	795446	345743	345838	134942	770681	884283	595078	795185	755751	195635	144925	23774	510273	811927	196187	31869	726703	327480	811907	34745	843251	627401	510576	415712	268115	784200	731047	27789	290213	755762	713283	825325	294578	740780	127063	381021	433294	897278
7000	9004	9.78 8.78	8888	1909	10848	10855	10903	10950	11127	11254	11256	12011	12094	12244	12322	12527	12908	13280	13335	13880	14431	14502	14820	15402	16612	16644	17397	17410	17787	17904	18189	18384	18528	18902	19943	20501	21090	21596	21715	21987

		ance	Stomach	Thyroid	Testia	Liver		Pancreas		Adiposo		Signa
		sue Promin	Pooled Storna	Quary	Test	ė.		Overy		Ş		Denmene
		Location Ti	510.68 Nose	255.21 Epididymls	Laynx	155.82 Small intesti	385.82	274.87 Lanynx		Cervix		Pooled
		Статозото	2	2		20	<b>6</b>	61				
	Count-up ce	lines	2.00	8.	8.	0.0	0.0	8.	2.00	8.	2.00	8
	Count-up	furnors	2.00	21.00	13,00	8.	8.	19.00	20.00	<b>1</b> ,8	22.00	22.00
		Max-Exp	322.04	729.74	14.70	142.77	184.27	89.83	128.81	211.29	468.89	44.13
		Max-fold-up	6.27	280,58	38.91	6.62	4.4	68.60	21.55	10.69	90.45	37.00
		Ave-Normal	51.39	17.56	2.78	187.57	189.78	8.17	16.16	59.77	2101	
	Secretion	predicted?		768	Yos	Yes		Yes			<b>₹</b>	¥,
		Secreted?		Yes	Yes	Yes	Yes	, ,		<b>₹</b>	Yes	**
×50 55	Accession	Number	AA406601	AA451904	W73140	AA070226	AA446108	AA459401	N48698	AA676488	AA775818	AAR72020
	IMAGE_CL A	ONE ID	475 753892	1335 786675	3444 344588	3603 530814	5151 774408	10549 810980	13279 279388	13815 882522	14552 378461	10071 147660
								_				•

Page 1 (of 1 pages of Table 2D)

TABLE 2A-1

		~~ <i>\m</i> D
ACC NUM	DATABASE	GI NBR 834741
R62862	DBEst	
R73003	DBEst	847035
N54596	DBEst	1195916 1783715
AA195636	DBEst	814754
R52852	DBEst	
N95249	DBEst	1267539
AA434102	DBEst	2139016
T69346	DBEst	680494
R01281	DBEst	751017
R98436	DBEst	985148 1023806
н65066	DBEst	2054627
AA400739	DBEst	
W05628	DBEst	1278497
R02373	DBEst	752109
T62491	DBEst	666148
AA029418	DBEst	1496961
AA449459	DBEst	2162850
N54596	DBEst	1195916 928713
R83836	DBEst	
T67005	DBEst	676445
H42679	DBEst	918731
AA464856	DBEst	2189740
AA481758	DBEst	2211310
н73590	DBEst	1046649
AA412053	DBEst	2070642 1689317
AA129552	DBEst	2167492
AA453823	DBEst	681651
т70503	DBEst	2163138
AA449118	DBEst	1059309
H81220	DBEst	756036
R05416	DBEst	2178224
AA455448	DBEst	1482883
AA019591	DBEst	1296209
W20275	DBEst	676268
т66828	DBEst DBEst	1238854
N76276	DBESt	747981
T98244	DBEst	748057
Т98320	DBESt	1081711
Н91281	DBESt	1013418
н60586	DBEst	958677
R91137	DBEst	1081427
H90997 R08220	DBEst	760143
R08220 R27329	DBEst	783464
W92594	DBEst	1424978
	DBEst	795915
R38459 T66907	DBEst	676347
	DBEst	835502
R63623 W01048	DBEst	1273038
T97119	DBEst	735743
R28397	DBEst	784532
R78513	DBEst	854794
T98484	DBEst	748221
R39745	DBEst	797201
H43317	DBEst	919369
R26798	DBESt	782933
N20130	55200	

Page 1 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
T98511	DBEst	748248
R37884	DBEst	795340
R06362	DBEst	756982
R10185	DBEst	762141
Т98529	DBEst	748266
T67652	DBEst	678800
T67022	DBEst	676462
R25464	DBEst	781599
R08153	DBEst	760076
W86653	DBEst	1400529
T98458	DBEst	748195
N76944	DBEst	1239522
N99839	DBEst	1271382
R97154	DBEst	982814
N72510	DBEst	1229614
AA461521	DBEst	2185385
AA010158	DBEst	1471205
W01484	DBEst	1273483
N74055	DBEst	1231340
T89996	DBEst	718509
N63753	DBEst	1211582
н48360	DBEst	986747
R70462	DBEst	843979
W87752	DBEst	1401837
N74360	DBEst	1231645
R92865	DBEst	965219
N54036	DBEst	1195202
T81574	DBEst	704581
W02624	DBEst	1274602
H04382	DBEst	867315
R92962	DBEst	965316
н79566	DBEst	1057655
N74365	DBEst	1231650
T84084	DBEst	712372
H54622	DBEst	995148
ท75735	DBEst	1238313
R06642	DBEst	757262
R93007	DBEst	965361
Т90991	DBEst	722904
H50747	DBEst	990588
R97031	DBEst	982691
T80978	DBEst	703863
н98812	DBEst	1123480
AA434487	DBEst	2139401
н67988	DBEst	1026728
н80129	DBEst	1058218
H17882	DBEst	884122
н73080	DBEst	1046466
R01428	DBEst	751164
AA410265	DBEst	2069433
AA489743	DBEst	2219345
AA053051	DBEst	1544190
AA411244	DBEst	2068785
R47979	DBEst	810005
R77251	DBEst	851883
AA406601	DBEst	2064611

Page 2 of 89

TABLE 2A-1

		OT 100
ACC NUM	DATABASE	GI NBR
AA485626	DBEst	2214845 1928805
AA284329	DBEst	
н21071	DBEst	889766
R95132	DBEst	973862
AA491227	DBEst	2220400
R76229	DBEst	850911
W68537	DBEst	1377476
т66833	DBEst	676273
W94714	DBEst	1423854
R43544	DBEst	821473
AA457178	DBEst	2179898
AA598582	DBEst	2432165
AA188155	DBEst	1774347
AA459247	DBEst	2184154
N76471	DBEst	1239049
H81010	DBEst	1059099
R89904	DBEst	954731
R06370	DBEst	756990
R83160	DBEst	928037
R62242	DBEst	834121
R66219	DBEst	838857
พ79167	DBEst	1241868
N49883	DBEst	1191049
R54664	DBEst	819122
T81972	DBEst	704979
R06568	DBEst	757188
ท73551	DBEst	1230836
R06666	DBEst	757286
Т97215	DBEst	735839
R93087	DBEst	965441
н93603	DBEst	1099931
т83558	DBEst	711846
R96525	DBEst	982185
W49715	DBEst	1337980
R66585	DBEst	839223
W32884	DBEst	1314939
R84242	DBEst	942685
R66652	DBEst	839290
T82819	DBEst	711107
R84375	DBEst	942781
R31591	DBEst	787434
R06745	DBEst	757365
N91307	DBEst	1444634
н82330	DBEst	1060419
AA453498	DBEst	2167167
н62267	DBEst	1015099
R36212	DBEst	793113
N80950	DBEst	1243651
н66943	DBEst	1025683
AA464967	DBEst	2189851
R09873	DBEst	761829
AA464970	DBEst	2189854
AA458969	DBEst	2183876
R65573	DBEst	838211
AA620346	DBEst	2524285
AA458959	DBEst	2183866

Page 3 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
N90470	DBEst	1443797
AA491302	DBEst	2220475
н89795	DBEst	1080225
N58163	DBEst	1202053
W47350	DBEst	1332058
AA037410	DBEst	1512509
AA425655	DBEst	2106467
N66001	DBEst	1218126
AA284292	DBEst	1928574
AA464962	DBEst	2189846
н90946	DBEst	1081376
AA459853	DBEst	2184760
AA022601	DBEst	1486700
н90355	DBEst	1080785
H25546	DBEst	894669
H51461	DBEst	991302
N68565	DBEst	1224726
R10896	DBEst	763631
AA102670	DBEst	1648004
AA479981	DBEst	2208132
н63934	DBEst	1018735
R32952	DBEst	788795
AA454743	DBEst	2177519
T64905	DBEst	673950
AA410567	DBEst	2069673
R76263	DBEst	850945
N90246	DBEst	1443573
T47229	DBEst	649211
N39161	DBEst	1162368
AA458801	DBEst	2183708
AA428170	DBEst	2112210
T67058	DBEst	676498
H18436	DBEst	884676
AA410517	DBEst	2069623
AA434115	DBEst	2139029
AA487634	DBEst	2217798
R93124	DBEst	967290
T72422	DBEst	686943
AA447774	DBEst	2161444
R52654	DBEst	814556
AA448015	DBEst	2161685
т68351	DBEst	679499
T84382	DBEst	712670
т67093	DBEst	676533
R25641	DBEst	781776 1194146
N52980	DBEst	
AA281189	DBEst	1923870
т66930	DBEst	676370
N91198	DBEst	1444525
R91710	DBEst	959250
T99145	DBEst	748882
R26813	DBEst	782948
N99799	DBEst	1271313
Т99150	DBEst	748887 959892
R92352	DBEst	959892 748709
т98972	DBEst	740709

Page 4 of 89

TABLE 2A-1

	DIMINICE.	GI NBR
ACC NUM	DBEst	1055622
H77533		985889
R99288	DBEst	748748
Т99011	DBEst	748748 814926
R53024	DBEst	749354
Т99617	DBEst	
R26931	DBEst	783066
N75729	DBEst	1238307
н69048	DBEst	1030298
R53860	DBEst	815762
т90360	DBEst	718873
N92085	DBEst	1264394
R26855	DBEst	782990
н16746	DBEst	882986
R53900	DBEst	815802
R07998	DBEst	759921
R08297	DBEst	760220
R53910	DBEst	815812
R06936	DBEst	758859
R01277	DBEst	751013
W24055	DBEst	1300890
N77203	DBEst	1239781
н96213	DBEst	1109355
W02639	DBEst	1274637
T65770	DBEst	674815
R93153	DBEst	967319
R02036	DBEst	751772
ท72852	DBEst	1229956
н94978	DBEst	1102611
W03050	DBEst	1275178
R93412	DBEst	967578
N77223	DBEst	1239801
R16769	DBEst	770379
W03052	DBEst	1275180
н75490	DBEst	1050127
N74942	DBEst	1237488
N76803	DBEst	1239381
N62328	DBEst	1210157
R83758	DBEst	928635
R94893	DBEst	973623
R39705	DBEst	797161
AA460003	DBEst	2184887
N91330	DBEst	1444657
W04369	DBEst	1276345
R92609	DBEst	960149
R94212	DBEst	969607
N55492	DBEst	1198371
R94601	DBEst	969996
н51056	DBEst	990897
AA431988	DBEst	2115696
W03672	DBEst	1275517
H53156	DBEst	993303
н75531	DBEst	1049581
н95141	DBEst	1102774
AA424575	DBEst	2103545
N70349	DBEst	1226929
R48796	DBEst	810822

Page 5 of 89

TABLE 2A-1

2 CC 2000	DATABASE	GI NBR
ACC NUM AA112660	DBEst	1665361
R21614	DBEst	776395
R52789	DBEst	814691
н69620	DBEst	1039826
N52474	DBEst	1193640
AA236617	DBEst	1860637
H79047	DBEst	1057136
AA456321	DBEst	2179531
N52293	DBEst	1193459
W02265	DBEst	1274475
N31467	DBEst	1151866
W24429	DBEst	1301379
AA477514	DBEst	2206148
N48137	DBEst	1189303
AA486138	DBEst	2216354
AA019482	DBEst	1482111
AA487797	DBEst	2215228
W03677	DBEst	1275522
AA292676	DBEst	1940670
AA504351	DBEst	2240511
AA456878	DBEst	2179598
AA504710	DBEst	2240870
R11236	DBEst	763971
AA443351	DBEst	2156026
R95780	DBEst	981440
AA598884	DBEst	2432556
н61979	DBEst	1014811
AA453015	DBEst	2166684
AA284668	DBEst	1927579
AA131406	DBEst	1692893
AA455062	DBEst	2177838
н99544	DBEst	1124212
AA448261	DBEst	2161931
AA451904	DBEst	2165573
W02558	DBEst	1274556
N51018	DBEst	1192184
н50229	DBEst	990070
R10159	DBEst	762115
R84407	DBEst	942813
R66924	DBEst	839562
H74032	DBEst	1047168
R07684	DBEst	759607
R16479	DBEst	770089
H53038	DBEst	993185
R06862	DBEst	757482
R67991	DBEst	841508
R16484	DBEst	770094
R98877	DBEst	985478
R98738	DBEst	985339
R01451	DBEst	751187
W31784	DBEst	1312988
R68514	DBEst	842031
н93819	DBEst	1101115
N71457	DBEst	1228169
R84636	DBEst	943042
R68245	DBEst	841762

Page 6 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
R63735	DBEst	835614
R89157	DBEst	953984
T81988	DBEst	704995
R07313	DBEst	759236
T90369	DBEst	718882
H47297	DBEst	923349
R68381	DBEst	841898
ห56655	DBEst	1005299
н47335	DBEst	923387
R02526	DBEst	752262
н65481	DBEst	1024221
R16600	DBEst	770210
н90477	DBEst	1080907
н64938	DBEst	1023678
W15263	DBEst	1289653
н90490	DBEst	1080920
N91317	DBEst	1444644
R54560	DBEst	816462
Н64972	DBEst	1023712
R01566	DBEst	751302
AA434382	DBEst	2139296
н65044	DBEst	1023784 703827
T80942	DBEst	
AA026030	DBEst	1491449 1149159
N30639	DBEst	1081783
н91353	DBEst	2188856
AA463972	DBEst	1081646
Н91216	DBEst	981487
R95827	DBEst	2183390
AA458483	DBEst	1024579
н65839	DBEst	1727869
AA156251	DBEst DBEst	1189874
N48708	DBESt	1225735
N69574	DBESt	851148
R76499 AA485373	DBEst	2214592
N54803	DBEst	1196123
N77096	DBEst	1239674
AA284285	DBEst	1928567
N57964	DBEst	1201854
н59620	DBEst	1012452
W15277	DBEst	1289667
Т99639	DBEst	749376
AA063631	DBEst	1557598
R25521	DBEst	781656
Т50788	DBEst	652648
N69672	DBEst	1225833
т98559	DBEst	748296
R44864	DBEst	824237
н84113	DBEst	1062784
R02346	DBEst	752082
AA433851	DBEst	2138765
AA477893	DBEst	2206527
AA421687	DBEst	2100504
AA598863	DBEst	2432535
AA599177	DBEst	2432802

Page 7 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
н90415	DBEst	1080845
AA481554	DBEst	2211106
AA487700	DBEst	2217864
т63324	DBEst	667189
AA458965	DBEst	2183872
AA459266	DBEst	2184173
AA143436	DBEst	1712806
W95346	DBEst	1425411
AA504943	DBEst	2241103
AA432030	DBEst	2115738
AA456886	DBEst	2179606
AA113331	DBEst	1665377
AA460480	DBEst	2185226
AA424833	DBEst	2106956
AA489555	DBEst	2219157
AA491225	DBEst	2220398
AA598794	DBEst	2432466
н94949	DBEst	1102582
N43930	DBEst	1182458
н52098	DBEst	991939
ท59717	DBEst	1203607
н93217	DBEst	1099545
Т95234	DBEst	733858
R02166	DBEst	751902
Т95238	DBEst	733862
н89637	DBEst	1080067
W03972	DBEst	1275837
R98295	DBEst	983955
R99685	DBEst	986286
T95274	DBEst	733898
R55406	DBEst	824701
R28287	DBEst	784422
พ76675	DBEst	1239253
W04411	DBEst	1276319
N80622	DBEst	1243323
T70429	DBEst	681577 733784
T95160	DBEst	733784 749631
T99894	DBEst	1081420
н90990	DBEst	697593
T79084	DBEst DBEst	734086
T95462		752446
R02710	DBEst	960181
R92641	DB <b>E</b> st DBEst	767963
R15715	DBESt	1014440
н61608	DBESt	1013869
н61037	DBESt	734317
T95693	DBEst	993879
н53732		893918
H25019	DBEst DBEst	767957
R15709	DBEst	973538
R94808	DBEst	1197946
N55067	DBEst	1025623
н66883 N77643	DBEst	1240344
N77643 H53224	DBESt	993371
H53224 Т85990	DBEst	714342
103330	DUBBE	,14342

Page 8 of 89

TABLE 2A-1

	D2 F2 D2 C2	AT NOD
ACC NUM	DATABASE	GI NBR
N52911	DBEst	1194077
R94810	DBEst	973540
N77652	DBEst	1240353
R91033	DBEst	958573
н53262	DBEst	993409
R00220	DBEst	749956
R94840	DBEst	973570
AA621150	DBEst	2525089
H22171	DBEst	890866
н53878	DBEst	994025
R00688	DBEst	750424
н53553	DBEst	993700
N59494	DBEst	1203384
н59938	DBEst	1012770
н53920	DBEst	994067
R09890	DBEst	761846
H73321	DBEst	1047486
R95819	DBEst	981479
N78301	DBEst	1241002
R76782	DBEst	851414
N36882	DBEst	1158024
R95851	DBEst	981511
н78482	DBEst	1056571
W88967	DBEst	1404003
R95869	DBEst	981529
н79363	DBEst	1057452
н53964	DBEst	994111
R70361	DBEst	843878
AA284180	DBEst	1928525
AA457158	DBEst	2179878
AA478279	DBEst	2206913
AA458653	DBEst	2183560
ท78083	DBEst	1240784
н78484	DBEst	1056573
AA001444	DBEst	1436975
AA464525	DBEst	2189409
	DBEst	1023774
R28423	DBEst	784558
R11490	DBEst	764225
Н66158	DBEst	1024898
W96268	DBEst	1426175
R06634	DBEst	757254
AA058857	DBEst	1551664
AA233079	DBEst	1856267
AA031284	DBEst	1501239
R31395	DBEst	787238
R52797	DBEst	814699
AA485401	DBEst	2214620
AA460756	DBEst	2185876
W55997	DBEst	1357886
AA064715	DBEst	1558807
AA486849	DBEst	2217013
AA457047	DBEst	2179767
R39356	DBEst	796812
AA487637	DBEst	2217801
AA025779	DBEst	1491144

Page 9 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA088745	DBEst	1634266
R65622	DBEst	838260
H47475	DBEst	923527
R17054	DBEst	770664
R68997	DBEst	842514
H47542	DBEst	923594
т72691	DBEst	689366
Т90374	DBEst	718887
N64431	DBEst	1212260
R69798	DBEst	843315
н78855	DBEst	1056944
R69934	DBEst	843451
н47929	DBEst	923981
R94591	DBEst	969986
N67006	DBEst	1219131
R38133	DBEst	795589
R07695	DBEst	759618
N99539	DBEst	1270952
R70140	DBEst	843657
W60845	DBEst	1367603
н48115	DBEst	924167
Т96731	DBEst	735355
R70318	DBEst	843835
Т90794	DBEst	722707
R92412	DBEst	959952
н91337	DBEst	1081767
н47863	DBEst	923915
н93842	DBEst	1101138
N71365	DBEst	1227945
AA427782	DBEst	2112362
н66442	DBEst	1025182
W68559	DBEst	1377428
н48389	DBEst	986776
AA456598	DBEst	2179174
W47576	DBEst	1332227
AA620759	DBEst	2524698
н93604	DBEst	1099932
N72009	DBEst	1228721
N24581	DBEst	1138731
AA454745	DBEst	2177521
W15465	DBEst	1289894
N54244	DBEst	1195410
N91202	DBEst	1444529
Н94043	DBEst	1101339
H91121	DBEst	1081551
W86376	DBEst	1398137
н70120	DBEst	1040326
Н94262	DBEst	1101558
н66856	DBEst	1025596
N24645	DBEst	1138795
H68719	DBEst	1030648
AA284259	DBEst	1928592
T67261	DBEst	676701
AA148641	DBEst	1718882
AA026686	DBEst	1492485
AA464741	DBEst	2189625
171402.27		

Page 10 of 89

TABLE 2A-1

	DAMADACE	GI NBR
ACC NUM	DATABASE	1102211
н94578	DBEst	1046553
н73013	DBEst	1548304
AA055829	DBEst	907273
н37774	DBEst	907273 868537
H04985	DBEst	
AA487452	DBEst	2217616
AA418846	DBEst	2080665
н30688	DBEst	901598
н23021	DBEst	891716
AA464644	DBEst	2189528
н39187	DBEst	908686
พ38959	DBEst	1162166
AA398230	DBEst	2051475
T71879	DBEst	686400
AA457114	DBEst	2179834
R99749	DBEst	986350
AA402879	DBEst	2056633
т67053	DBEst	676493
T71284	DBEst	685805
W88899	DBEst	1404381
T72235	DBEst	686756
R89492	DBEst	954319
AA488073	DBEst	2215504
T94293	DBEst	727781
AA279147	DBEst	1920613
N71653	DBEst	1228365
H51574	DBEst	991415
R51912	DBEst	813814
AA054358	DBEst	1545302
H15842	DBEst	880662
N67034	DBEst	1219159
т95657	DBEst	734281
R10007	DBEst	761963
R40970	DBEst	821229
R70598	DBEst	844115
R92236	DBEst	959776
R08083	DBEst	760006
R42852	DBEst	819762
T95804	DBEst	734428
N28268	DBEst	1146504
Т95953	DBEst	734577
R31107	DBEst	786950
H75578	DBEst	1049506
R07663	DBEst	759586
н65569	DBEst	1024309
N68390	DBEst	1224551
H68724	DBEst	1030653
R55184	DBEst	824479
R06544	DBEst	757164
R00151	DBEst	749887
R63407	DBEst	835286
н95823	DBEst	1108965
R14602	DBEst	768770
T96035	DBEst	734659
Т90201	DBEst	718714
Т96077	DBEst	734701
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Page 11 of 89

TABLE 2A-1

		GI NBR
ACC NUM	DATABASE	787269
R31426	DBEst	1492896
AA026562	DBEst	795695
R38239	DBEst DBEst	1210524
N62695	DBESt	734839
T96215	DBESt	1229644
N72540		1010074
H57242	DBEst	750344
R00608 H77797	DBEst DBEst	1055886
	DBEst	1275790
W03793	DBEst	1018561
H63760 R96208	DBEst	981868
н37880	DBEst	907379
N48139	DBEst	1189305
	DBEst	994335
H54188 N72321	DBEst	1229425
R91215	DBEst	958755
	DBEst	1044204
H72388	DBEst	712117
T83829	DBEst	994570
H54423 N91231	DBEst	1444558
R96436	DBEst	982096
N92136	DBEst	1264445
N92136 N29914	DBEst	1148434
H54609	DBEst	995135
N57713	DBEst	1201603
N57713 N53453	DBEst	1194619
R98262	DBEst	983922
N90246	DBEst	1443573
н73329	DBEst	1047091
W02016	DBEst	1274015
AA458646	DBEst	2183553
н54811	DBEst	995231
R99287	DBEst	985888
R96561	DBEst	982221
н52623	DBEst	992464
N38801	DBEst	1162008
R96586	DBEst	982246
N91731	DBEst	1264040
ท59638	DBEst	1203528
N74086	DBEst	1231371
N49439	DBEst	1190605
R96694	DBEst	982354
W19461	DBEst	1295492
н60119	DBEst	1012951
ท99553	DBEst	1270966
W49563	DBEst	1337820
т87341	DBEst	715693
н59915	DBEst	1012747
AA406242	DBEst	2064223
R52542	DBEst	814444
Т98886	DBEst	748623
AA401137	DBEst	2055027
AA459519	DBEst	2184426
Т80232	DBEst	698741
H24707	DBEst	893606

Page 12 of 89

TABLE 2A-1

		~
ACC NUM	DATABASE	GI NBR
AA029963	DBEst	1496219
AA456695	DBEst	2179271
N49629	DBEst	1190795
H17975	DBEst	884215
AA490688	DBEst	2219861
R66447	DBEst	839085
н98218	DBEst	1119103
R72075	DBEst	846107
T71886	DBEst	686407
AA456869	DBEst	2179589
AA291163	DBEst	1939150
AA488406	DBEst	2215837
R36175	DBEst	793076
н48420	DBEst	986807
н22856	DBEst	891551
R55130	DBEst	824359
R91296	DBEst	958836
T75041	DBEst	691803
R23089	DBEst	777977
AA278759	DBEst	1920287
т74606	DBEst	691281
н70099	DBEst	1040305
AA465479	DBEst	2191646
AA460727	DBEst	2185847
ท77515	DBEst	1240216
AA034213	DBEst	1506023
AA281616	DBEst	1924295
R00395	DBEst	750131
R08109	DBEst	760032
н93550	DBEst	1099878
R71414	DBEst	844931
W32731	DBEst	1313722
н53791	DBEst	993938
N90368	DBEst	1443695
T77812	DBEst	695015
R72661	DBEst	846693
н60503	DBEst	1013335
R08275	DBEst	760198
R73075	DBEst	847107
R87194	DBEst	946007 893515
н24616	DBEst	
нв0423	DBEst	1058512
R12267	DBEst	765002
R90957	DBEst	958497 760613
R08690	DBEst	
н96534	DBEst	1110020
н90603	DBEst	1081033
R91004	DBEst	958544
н67666	DBEst	1026406
N52394	DBEst	1193560
R91031	DBEst	958571
N80361	DBEst	1243062
R08761	DBEst	760684
R68721	DBEst	842238
H73661	DBEst	1046837
W95104	DBEst	1424222

Page 13 of 89

WO 01/18542 220

TABLE 2A-1

	~~ m1 72 CE	OT 1888
ACC NUM	DATABASE	GI NBR
W05000	DBEst	1277720
N77198	DBEst	1239776
н68932	DBEst	1030101
Н95044	DBEst	1102677
W23541	DBEst	1300366
AA456611	DBEst	2179187
н77707	DBEst	1055796
AA404276	DBEst	2059000
н69004	DBEst	1030230
н95086	DBEst	1102719
н79650	DBEst	1057739
H71224	DBEst	1043040
AA457728	DBEst	2180448
N76873	DBEst	1239451
N77321	DBEst	1239899
N34751	DBEst	1155893
Н77697	DBEst	1055786
R27733	DBEst	783868
N76878	DBEst	1239456
н69653	DBEst	1039859
N26072	DBEst	1140420
AA018134	DBEst	1481509
R06284	DBEst	756904
N55012	DBEst	1197891
R88764	DBEst	953591
AA115919	DBEst	1670936
AA490680	DBEst	2219853
н69582	DBEst	1039788
N72452	DBEst	1229556
н80215	DBEst	1058304
н74265	DBEst	1047611
н59000	DBEst	1011832
н82419	DBEst	1060508
R07167	DBEst	759090
AA486627	DBEst	2216791
ท53169	DBEst	1194335
W86653	DBEst	1400529
н84153	DBEst	1062824
н82535	DBEst	1060624
AA450227	DBEst	2163977
AA459318	DBEst	2184225
R13434	DBEst	766510
AA497051	DBEst	2230372
R67147	DBEst	839785
AA598508	DBEst	2432091
AA160852	DBEst	1736218
AA496837	DBEst	2230158
AA442984	DBEst	2155659
ท73030	DBEst	1230134
T63324	DBEst	667189
AA419108	DBEst	2078854
AA418564	DBEst	2080365
AA490920	DBEst	2220093
AA487560	DBEst	2217724
AA448755	DBEst	2162425
AA074677	DBEst	1614604

Page 14 of 89

TABLE 2A-1

3.00 MW	DATABASE	GI NBR
ACC NUM H52361	DBEst	992202
R63197	DBEst	835076
T96708	DBEst	735332
R92577	DBEst	960117
н48502	DBEst	988342
N55563	DBEst	1198442
R31965	DBEst	787808
R00628	DBEst	750364
Т96780	DBEst	735404
N68424	DBEst	1224585
R00648	DBEst	750384
Т96870	DBEst	735494
н65775	DBEst	1024515
R62241	DBEst	834120
Т95503	DBEst	734127
R62288	DBEst	834167
Т96909	DBEst	735533
Т96919	DBEst	735543
W95346	DBEst	1425411
W21482	DBEst	1298124
R71190	DBEst	844707
N24268	DBEst	1138418
н58884	DBEst	1011716
AA031398	DBEst	1501359
R32751	DBEst	788594
R62653	DBEst	834532
R32754	DBEst	788597
N45440	DBEst	1186606
т97076	DBEst	735700
R32939	DBEst	788782
R96358	DBEst	982018
N66843	DBEst	1218968
н55897	DBEst	1004541
W04231	DBEst	1276339
AA043494	DBEst	1521433
н75898	DBEst	1050027
R97269	DBEst	982929
н56207	DBEst	1004851
N94385	DBEst	1266694
N67041	DBEst	1219166
W73792	DBEst	1383955
н80958	DBEst	1059047
W69471	DBEst	1378733
R97234	DBEst	982894
<b>T70850</b>	DBEst	685371
H56424	DBEst	1005068
N48213	DBEst	1189379
N54993	DBEst	1197872
н38086	DBEst	907585
н56438	DBEst	1005082
N91997	DBEst	1264306
AA404288	DBEst	2059012
N92034	DBEst	1264343
н56679	DBEst	1005323
W01993	DBEst	1273972
R32944	DBEst	788787

Page 15 of 89

TABLE 2A-1

P.O.C. 77500	DAMADACE	GI NBR
ACC NOM	DATABASE DBEST	1102991
Н95358 Н94571	DBEst	1102301
Н56981	DBEst	1009813
R98074	DBESt	983734
W03686	DBEst	1275531
W73140	DBEst	1383275
W24161	DBEst	1300979
N92035	DBEst	1264344
н66611	DBEst	1025351
н57017	DBEst	1009849
H45617	DBEst	921669
R31168	DBEst	787011
AA418251	DBEst	2080080
AA436406	DBEst	2141320
AA465021	DBEst	2189905
R28294	DBEst	784429
R33154	DBEst	789012
н15707	DBEst	880527
N62620	DBEst	1210449
н64324	DBEst	1023064
R26070	DBEst	782205
AA406551	DBEst	2064544
N27227	DBEst	1141575
AA026631	DBEst	1492466
AA410591	DBEst	2069697
R97066	DBEst	982726
W01240	DBEst	1273219
R98851	DBEst	985452
AA085597	DBEst	1629410
AA486836	DBEst	2217000
H12312	DBEst	877132
N91426	DBEst	1444753
Т99688	DBEst	749425
т87139	DBEst	715491
AA489261	DBEst	2218863
AA070226	DBEst	1577585
AA496810	DBEst	2230131
T51182	DBEst	653042
AA490981	DBEst	2220154
AA459588	DBEst	2184495
Т99191	DBEst	748928
N59766	DBEst	1203656
AA027964	DBEst	1494116
T84996	DBEst	713348
R93354	DBEst	967520
R89539	DBEst	954366
н59056	DBEst	1011888
Т96523	DBEst	735147
R88999	DBEst	953826
н95238	DBEst	1102871
R91821	DBEst	959361
R08866	DBEst	768849
R89218	DBEst	954045
R08883	DBEst	768859
N75715	DBEst	1238293 1099647
н93319	DBEst	1033047

Page 16 of 89

TABLE 2A-1

ACC MIN	DATABASE	GI NBR
ACC NUM T78571	DBEst	697080
	DBEst	712669
T84381	DBEst	776869
R22088	DBEst	954112
R89285		1303271
W25368	DBESt	761076
R09153		776894
R22113	DBEst	697638
T79129	DBEst	776846
R22065	DBEst	1202088
N58198	DBEst	1444617
N91290	DBEst	954298
R89471	DBEst	761421
R09498	DBEst	1496650
AA029041	DBEst	
R22239	DBEst	777020 1102975
н95342	DBEst	
и30706	DBEst	1149226
R27505	DBEst	783640
R86333	DBEst	944739
N77006	DBEst	1239584
W84612	DBEst	1395723
N64285	DBEst	1212114
AA024866	DBEst	1489790
H71314	DBEst	1043130
AA133167	DBEst	1689947
N78306	DBEst	1241007
AA004671	DBEst	1448208
N73611	DBEst	1230896
H72247	DBEst	1044063
AA485443	DBEst	2214662
N63646	DBEst	1211475
N34967	DBEst	1156109
н72290	DBEst	1044106
N94143	DBEst	1266452
AA009773	DBEst	1470576
н72259	DBEst	1044075
N95107	DBEst	1267416
H71854	DBEst	1043670
R94456	DBEst	969851
N69252	DBEst	1225413
N80384	DBEst	1243085
N48130	DBEst	1189296
ท70072	DBEst	1226652
н70554	DBEst	1042321
W31675	DBEst	1312666
N50014	DBEst	1191180
AA453774	DBEst	2167443
AA393408	DBEst	2046429
N79669	DBEst	1242370
R90744	DBEst	958284
N92646	DBEst	1264955
AA453850	DBEst	2167519
T94293	DBEst	727781
AA487346	DBEst	2217510
W24246	DBEst	1301071
R22306	DBEst	777087

Page 17 of 89

TABLE 2A-1

	51M1D1CE	77 MDD
ACC NUM	DATABASE	GI NBR
W07798	DBEst	1281878 2432622
AA598950	DBEst	787544
R31701	DBEst DBEst	1479679
AA017526 T46924	DBESt	648907
AA488699	DBEst	2218301
AA490256	DBEst	2219429
AA489246	DBEst	2218848
AA456868	DBEst	2179588
AA405000	DBEst	2063210
H54629	DBEst	994996
AA114226	DBEst	1668119
W32272	DBEst	1313264
T53626	DBEst	655486
н79353	DBEst	1057442
T97080	DBEst	735704
R62926	DBEst	834805
R68537	DBEst	842054
R01348	DBEst	751084
N77671	DBEst	1240372
R63134	DBEst	835013
R33265	DBEst	789123
R63137	DBEst	835016
N59057	DBEst	1202947
W81562	DBEst	1392591
N95381	DBEst	1267653
R99573	DBEst	986174
R66101	DBEst	838739
R63295	DBEst	835174
R33570	DBEst	789428
R66533	DBEst	839171
т97309	DBEst	746654
T97427	DBEst	746772
R33699	DBEst	789557
R39730	DBEst	797186
AA053285	DBEst	1545744
R98107	DBEst	983767
W30810	DBEst	1311820
Т95668	DBEst	734292
R98191	DBEst	983851
AA488072	DBEst	2215503 1123524
н98856	DBEst	
AA447569	DBEst	2161239 1009943
н57111	DBEst	783547
R27412	DBEst	1688934
AA129089	DBEst DBEst	1102482
H94849		1523042
AA044662 H57273	DBEst	1010105
	DBEst DBEst	1382461
W72621 AA284234	DBEst	1928534
H58001	DBESt	1010833
R10043	DBEst	761999
н65231	DBEst	1023971
H64095	DBEst	1018896
AA434160	DBEst	2139074
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Page 18 of 89

## TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA464568	DBEst	2189452
N94060	DBEst	1266369
N29986	DBEst	1148506
н77736	DBEst	1055825
AA446839	DBEst	2159504
AA621342	DBEst	2525281
R98591	DBEst	985192
R21425	DBEst	776206
R36070	DBEst	792971
н58574	DBEst	1011406
H12777	DBEst	877597
R16134	DBEst	767943
R98905	DBEst	985506
N94274	DBEst	1266583
N40919	DBEst	1164517
W76645	DBEst	1386909
R71393	DBEst	844910
R98913	DBEst	985514
H58834	DBEst	1011666
AA031513	DBEst	1501467
AA126115	DBEst	1685781
W58032	DBEst	1364815
AA401693	DBEst	2057177
AA399334	DBEst	2053071
AA143201	DBEst	1712768
N99243	DBEst	1269645
H44956	DBEst	921008
Т52435	DBEst	654295
AA402207	DBEst	2056178
AA227594	DBEst	1849138
W74377	DBEst	1384792
R24635	DBEst	779523
AA058828	DBEst	1551654
T51350	DBEst	653210
н28922	DBEst	899832
AA452376	DBEst	2166045
R02800	DBEst	752536
R26164	DBEst	782299
Т97139	DBEst	735763
AA186901	DBEst	1775003
AA443093	DBEst	2155768
H26176	DBEst	895299
AA463565	DBEst	2188449
T82817	DBEst	711105
AA448998	DBEst	2163018
AA486626	DBEst	2216790
R66057	DBEst	838695
AA001449	DBEst	1436914
т51689	DBEst	653549
N78263	DBEst	1240964
R68706	DBEst	842223
н97748	DBEst	1118633
н83233	DBEst	1061903
R68736	DBEst	842253
R89862	DBEst	954689
н66877	DBEst	1025617

Page 19 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
R09670	DBEst	761593
н66650	DBEst	1025390
N92134	DBEst	1264443
R91060	DBEst	958600
н98001	DBEst	1118886
N90491	DBEst	1443818
R78527	DBEst	854808
R91176	DBEst	958716
AA029361	DBEst	1496765
W01171	DBEst	1273169
т91086	DBEst	722999
R22420	DBEst	777201
AA402879	DBEst	2056633
R91244	DBEst	958784
N78103	DBEst	1240804
R91271	DBEst	958811
н70962	DBEst	1042778
R22926	DBEst	777814
R10311	DBEst	762267
T84865	DBEst	713217
R92649	DBEst	96 <b>0189</b>
N49436	DBEst	1190602
W02424	DBEst	1274545
AA284305	DBEst	1928604
н72700	DBEst	1044516
н73304	DBEst	1046425
R06372	DBEst	756992
AA149640	DBEst	1720441
W02630	DBEst	1274608
W58368	DBEst	1365081
W23546	DBEst	1300371
R33082	DBEst	788940
N54401	DBEst	1195721
AA461108	DBEst	2186228
R19406	DBEst	773016
N79558	DBEst	1242259
N95656	DBEst	1267963
R62339	DBEst	834218
W00899	DBEst	1272879
Т97257	DBEst	746602 1190390
N49224	DBEst	
AA454702	DBEst	2177478
W81128	DBEst	1391342 1155504
N34362	DBEst	1039677
H69471	DBEst	
H79130	DBEst	1057219 1047741
н74330	DBEst	
N45364	DBEst	1186530
W69791	DBEst	1379049 2183789
AA458882	DBEst	1274254
W02256	DBEst	1727311
AA155695	DBEst DBEst	750558
R00822	DBEST	1576955
AA069596 AA427667	DBESt	2111484
R22412	DBESt	777193
UC 6.4.T.C	DDBGC	

Page 20 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA480851	DBEst	2210403
AA425556	DBEst	2106296
AA235332	DBEst	1859770
AA456931	DBEst	2179651
AA486275	DBEst	2216491
N74383	DBEst	1231668
AA056148	DBEst	1548486
AA460827	DBEst	2185947
AA459039	DBEst	2183946
AA480906	DBEst	2210458
AA250771	DBEst	1885736
н58873	DBEst	1011705
AA443506	DBEst	2156181
AA160507	DBEst	1735874
AA460330	DBEst	2185146
AA464250	DBEst	2189134
AA452966	DBEst	2166635
AA448599	DBEst	2162269
AA598817	DBEst	2432489
R95740	DBEst	981400
AA410207	DBEst	2069168
R54050	DBEst	815952
AA496804	DBEst	2230125
AA448400	DBEst	2162070
• н77772	DBEst	1055861
R63342	DBEst	835221
N92048	DBEst	1264357
R65963	DBEst	838601
N74882	DBEst	1237561
R63782	DBEst	835661
R33780	DBEst	789638
R00332	DBEst	750068
R64408	DBEst	836287
W23522	DBEst	1300357
R08359	DBEst	760282
R64449	DBEst	836328
T97794	DBEst	747139
R63980	DBEst	835859
H91404	DBEst	1081834
W02403	DBEst	1274383
т97809	DBEst	747154
W93510	DBEst <sub>.</sub>	1422631
R34013	DBEst	789871
R16009	DBEst .	767991
R34957	DBEst	791858
R49470	DBEst	820368
T97870	DBEst	747215
N57848	DBEst	1201738
N64033	DBEst	1211862
T69709	DBEst	680857
N95642	DBEst	1267930
N64840	DBEst	1212669
н58866	DBEst	1011698
R93009	DBEst	965363
R28280	DBEst	784415
N78198	DBEst	1240899

Page 21 of 89

TABLE 2A-1

ACC NOM	DATABASE	GI NBR
R93394	DBEst	967560
H54384	DBEst	994531
R98774	DBEst	985375
N70298	DBEst	1226878
R31521	DBEst	787364
W85892	DBEst	1398321
Н90746	DBEst	1081176
н65942	DBEst	1024682
W04272	DBEst	1276171
R63996	DBEst	835875
Н59188	DBEst	1012020
H77737	DBEst	1055826
R98947	DBEst	985548
W05026	DBEst	1277746
R08563	DBEst	768791
N66845	DBEst	1218970
R98948	DBEst	985549
R69645	DBEst	843162
н85454	DBEst	1064476
N73510	DBEst	1230795
W01511	DBEst	1273491
R99004	DBEst	985605
W86431	DBEst	1400198
AA044205	DBEst	1522062
н65984	DBEst	1024724
N54161	DBEst	1195327
н90899	DBEst	1081329
AA460152	DBEst	2185537
R99627	DBEst	986228
N71473	DBEst	1228185
W60647	DBEst	1367620
н59670	DBEst	1012502
N52350	DBEst	1193516
н56033	DBEst	1004677
AA063574	DBEst	1557523
AA455911	DBEst	2178687
н97778	DBEst	1118663
н06113	DBEst	869665
AA478436	DBEst	2207070
W76376	DBEst	1386600
H24688	DBEst	893587
AA486471	DBEst	2216635
W58658	DBEst	1365390
N64862	DBEst	1212691
AA417654	DBEst	2079473
W01011	DBEst	1272990
AA456160	DBEst	2179370
Т98152	DBEst	747497
AA430504	DBEst	2111094
AA497051	DBEst	2230372
AA453816	DBEst	2167485
Н65526	DBEst	1024266
AA598572	DBEst	2432155
AA451891	DBEst	2165560
Т49539	DBEst	651399
AA480859	DBEst	2210411

Page 22 of 89

TABLE 2A-1

	DATABASE	GI NBR
ACC NUM	DBEst	1472367
AA011320	DBEst	1057977
H79888	DBEst	673670
T64625	DBEst	2166774
AA453105	DBEst	986024
R99423	DBEst	1719991
AA151486	DBEst	2216688
AA486524	DBEst	2177838
AA455062	DBEst	1194343
N53177 AA489714	DBEst	2219316
	DBEst	2218619
AA489017	DBEst	1203432
N59542	DBESt	1195616
N54296	DBEst	1126479
N21309	DBESt	764264
R11529		919709
H43657	DBEst DBEst	713221
T84869		777943
R23055	DBEst	834659
R62780	DBEst DBEst	897943
н27590	DBESt	1272952
W00973	DBEst	981576
R95916	DBESt	703603
T80718	DBESt	959444
R91904		777985
R23097	DBEst DBEst	1022984
н64244	DBEst	787674
R31831	DBESt	713317
T84965	DBESt	959097
R91557	DBEst	1018469
н63668	DBEst	1193572
N52406	DBEst	1386848
W76603	DBEst	994040
н53893 т97616	DBEst	746961
	DBEst	1004732
H56088 H66312	DBEst	1025052
R97050	DBEst	982710
N99519	DBEst	1270944
н37846	DBEst	907345
R26094	DBEst	782229
N75669	DBEst	1238247
R92032	DBEst	959572
R33841	DBEst	789699
н80558	DBEst	1058647
R14894	DBEst	769167
R92285	DBEst	959825
R21785	DBEst	776566
R19183	DBEst	772793
AA025807	DBEst	1491173
R92292	DBEst	959832
AA427732	DBEst	2111573
H73608	DBEst	1046440
AA485365	DBEst	2214584
R26929	DBEst	783064
H77714	DBEst	1055803
AA040269	DBEst	1516674

Page 23 of 89

TABLE 2A-1

	DD #4 D4 C5	CT MOD
ACC NUM	DATABASE	GI NBR
H72932	DBEst	1044748 1141150
N26802	DBEst	1190541
N49375	DBEst	
Н82532	DBEst	1060621
AA453273	DBEst	2166942
W58342	DBEst	1365125
н79046	DBEst	1057135
T83394	DBEst	711682
N49996	DBEst	1191162
R66945	DBEst	839583
AA004664	DBEst	1448201
и99803	DBEst	1271317
N49895	DBEst	1191061
R22252	DBEst	777033
N74059	DBEst	1231344
т86603	DBEst	714955
AA126825 .	DBEst	1687596
R07594	DBEst	759517
AA485683	DBEst	2214902
ท57927	DBEst	1201817
AA045257	DBEst	1523461
R92163	DBEst	959703
AA464605	DBEst	2189489
н02340	DBEst	865273
T67549	DBEst	678697
AA497085	DBEst	2230406
AA453831	DBEst	2167500
н09914	DBEst	874736
AA453728	DBEst	2167397
н70473	DBEst	1042340
AA459197	DBEst	2184104
ท91990	DBEst	1264299
<b>H57180</b>	DBEst	1010012
н71868	DBEst	1043684
R41839	DBEst	817543
<b>H22563</b>	DBEst	891258
AA405769	DBEst	2063875
N76581	DBEst	1239159
H02158	DBEst	865091
R49999	DBEst	811901
R40400	DBEst	822829
W67323	DBEst	1376231
AA453338	DBEst	2167007
н16573	DBEst	882798
AA453410	DBEst	2167079
H21041	DBEst	889736
н23187	DBEst	891882
AA598776	DBEst	2432448
AA485983	DBEst	2216199
AA026609	DBEst	1492444
AA283693	DBEst	1927905
AA461506	DBEst	2185370
AA279883	DBEst	1921348
H14841	DBEst	879661
AA448478	DBEst	2162148
H75547	DBEst	1050147
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Page 24 of 89

TABLE 2A-1

	22 22 22 42 A	OT MOD
ACC NUM	DATABASE	GI NBR
AA132090	DBEst	1693580 1014994
H62162	DBEst	
AA026112	DBEst	1492171
AA459588	DBEst	2184495
н09614	DBEst	874436
AA447098	DBEst	2159763
AA195959	DBEst	1791550
N91385	DBEst	1444712
AA504617	DBEst	2240777
AA476543	DBEst	2204754
N59716	DBEst	1203606
т97889	DBEst	747234
R02718	DBEst	752454
R99311	DBEst	985912
R35253	DBEst	792154
R02820	DBEst	752556
T77847	DBEst	695050
N68497	DBEst	1224658
R10015	DBEst	761971
N77205	DBEst	1239783
T98075	DBEst	747420
T74714	DBEst	691389
N45244	DBEst	1186410
R66994	DBEst	839632
T98615	DBEst	748352
R36181	DBEst	793082
N80491	DBEst	1243192
R05837	DBEst	756457
Т98098	DBEst	747443
R09301	DBEst	761224
R68634	DBEst	842151
H48445	DBEst	986832
H48467	DBEst	986854
พ71565	DBEst	1228277
н60317	DBEst	1013149
R36006	DBEst	792907
W01645	DBEst	1273644
н60491	DBEst	1013323
R68272	DBEst	841789
W02401	DBEst	1274381
н60523	DBEst	1013355
พ35301	DBEst	1156443
R99386	DBEst	985987
W02591	DBEst	1274569
н23963	DBEst	892658
н60688	DBEst	1013520
R99682	DBEst	986283
R78580	DBEst	854861
R24258	DBEst	779146
AA464202	DBEst	2189086
R99690	DBEst	986291
W00793	DBEst	1273006
N51521	DBEst	1192687
н65052	DBEst	. 1023792
T80848	DBEst	703733
AA013240	DBEst	1474267

Page 25 of 89

TABLE 2A-1

3.00 NWW	DATABASE	CT MDD
ACC NUM	DBEst	GI NBR 788249
R32406	DBEst	1039782
н69576 R99938	DBEst	986539
W01026	DBEst	1273025
H78097	DBEst	1056186
н61684	DBEst	1014516
W04152	DBEst	1276190
AA460168	DBEst	2185553
H75690	DBEst	1049633
T99674	DBEst	749411
H48318	DBEst	986705
N76193	DBEst	1238771
H62166	DBEst	1014998
H79007	DBEst	1057096
R40794	DBEst	823045
R39464	DBEst	796920
AA458884	DBEst	2183791
N91584	DBEst	1444911
н09936	DBEst	874758
т98783	DBEst	748520
H46663	DBEst	922715
AA405891	DBEst	2063892
AA480815	DBEst	2210367
AA100296	DBEst	1646587
н15634	DBEst	880454
H20872	DBEst	889567
AA424516	DBEst	2103477
AA426311	DBEst	2107791
AA458472	DBEst	2183379
T75436	DBEst	692198
R35665	DBEst	792566
AA598652	DBEst	2432235
AA258396	DBEst	1893538
AA486305	DBEst	2216521
AA046411	DBEst	1526376
AA010609	DBEst	1471635
AA481277	DBEst	2210829
AA521346	DBEst	2261889
н65260	DBEst	1024000
AA459380	DBEst	2184287
R08755	DBEst	768817
AA521243	DBEst	2261786
AA292995	DBEst	1940908 879624
H14804	DBEst	960035
R92495	DBEst	2215173
AA486367	DBEst	2456976
AA608548	DBEst	2211099
AA481547	DBEst	953910
R89083	DBEst	1010662
H57830	DBEst DBEst	2183440
AA458533	DBESt	704146
T81261 R25980	DBEst	782115
K25980 H38148	DBEst	907647
H50871	DBEst	990712
R92310	DBEst	959850
NJ4310		

Page 26 of 89

TABLE 2A-1

		GI NBR
ACC NUM	DATABASE	749618
T99881	DBEst	1101459
H94163	DBEst	778840
R23952	DBEst	1195727
N54407	DBEst	
R31154	DBEst	786997
R92347	DBEst	959887
R92435	DBEst	959975
R74357	DBEst	848727
R92545	DBEst	960085
н52534	DBEst	992375
R92455	DBEst	959995
ท39325	DBEst	1162532
т64956	DBEst	674001
R34121	DBEst	789979
R16431	DBEst	770041
R83017	DBEst	927861
R91948	DBEst	959488
N33927	DBEst	1154327
T95151	DBEst	733775
N941B1	DBEst	1266490
н63223	DBEst	1018024
T64881	DBEst	673926
н94236	DBEst	1101532
н78863	DBEst	1056952
N64671	DBEst	1212500
Н94934	DBEst	1102567
н55966	DBEst	1004610
W02483	DBEst	1274481
R25114	DBEst	780002
N49231	DBEst	1190397
N49774	DBEst	1190940
AA431972	DBEst	2115680
H79613	DBEst	1057702
т97590	DBEst	746935
N95217	DBEst	1267498
н93393	DBEst	1099721
W86660	DBEst	1400536
N52254	DBEst	1193388
н55784	DBEst	1004428
N23753	DBEst	1137903
H25846	DBEst	894969
AA464517	DBEst	2189401
N52535	DBEst	1193701
AA031770	DBEst	1501772
нв0336	DBEst	1058425
AA448484	DBEst	2162154
W90001	DBEst	1405979
ท73555	DBEst	1230840
W86466	DBEst	1400213
N72384	DBEst	1229488
AA427978	DBEst	2112197
н77506	DBEst	1055595
н80724	DBEst	1058813
AA046424	DBEst	1526335
AA434390	DBEst	2139304
AA464739	DBEst	2189623

Page 27 of 89

TABLE 2A-1

100 100	D3.03.03.02	GI NBR
ACC NUM	DATABASE	770266
R16656 AA427521	DBEst DBEst	2112261
	DBEst	1230331
N73227		954408
R89581	DBEst	1059137
Н81048	DBEst	
н75632	DBEst	1049954
н69528	DBEst	1039734
N53167	DBEst	1194333
W90749	DBEst	1406715
N52978	DBEst	1194144
R31218	DBEst	787061
т67223	DBEst	676663
R26396	DBEst	782531
R67903	DBEst	840541
N21592	DBEst	1126762
W38022	DBEst	1319616
AA046112	DBEst	1526005
N35892	DBEst	1157034
R26456	DBEst	782591
W93682	DBEst	1422804
Т97650	DBEst	746995
W93847	DBEst	1422970
AA431721	DBEst	2115429
N67839	DBEst	1219964
AA004415	DBEst	1448060
н72368	DBEst	1044184
T90971	DBEst	722884
N81017	DBEst	1243718
н68542	DBEst	1027282
AA284267	DBEst	1928600
N69908	DBEst	1226488
AA454710	DBEst	2177486
AA009677	DBEst	1470500
R55630	DBEst	824925
H54419	DBEst	994566
AA284307	DBEst	1928606
AA026666	DBEst	1492483
H56029	DBEst	1004673
н70608	DBEst	1042424
W02753	DBEst	1274731
AA284249	DBEst	1928549
N53564	DBEst	1194730
W16659	DBEst	1291258
Н64150	DBEst	1018951
W32303	DBEst	1313314
AA156030	DBEst	1727655
AA022949	DBEst	1487039
AA151265	DBEst	1719475
AA011347	DBEst	1472394
W69170	DBEst	1378451
н86518	DBEst	1068097
AA128005	DBEst	1687285
н59063	DBEst	1011895
W74254	DBEst	1384502
AA058709	DBEst	1551517
AA128362	DBEst	1688412

Page 28 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA625915	DBEst	2538302
AA112979	DBEst	1664450
AA058323	DBEst	1551160
т71965	DBEst	686486
AA701545	DBEst	2704710
AA609655	DBEst	2458083
AA676804	DBEst	2657326
H61243	DBEst	1014075
т61938	DBEst	665181
AA644448	DBEst	2569666
AA626787	DBEst	2539174
AA291556	DBEst	1939730
R43605	DBEst	821525
AA634464	DBEst	2557678
AA479691	DBEst	2205577
AA412064	DBEst	2070830
T62552	DBEst	666209
AA400186	DBEst	2054057
T49236	DBEst	651096
R52794	DBEst	814696
н88329	DBEst	1069908
T49309	DBEst	651169
T62849	DBEst	666506
AA454813	DBEst	2177589
AA074222	DBEst	1614091
AA633577	<b>DBE</b> st	2556791
R44850	DBEst	824225
AA432106	DBEst	2115814
н16989	DBEst	883229
N53031	DBEst	1194197
AA148213	DBEst	1717719
พ33258	DBEst	1153657
R44955	DBEst	824309
R44717	DBEst	824095
H15296	DBEst	880116
AA159578	DBEst	1735129
R43721	DBEst	821635
AA630628	DBEst	2553239
AA400234	DBEst	2054248
н15696	DBEst	880516
AA678021	DBEst	2658543
AA486072	DBEst	2216288
H08862	DBEst	873684
H10983	DBEst	875803
N66750	DBEst	1218875
N73448	DBEst	1230733
H11718	DBEst	876538
R52522	DBEst	814424
AA088214	DBEst	1633717
W87714	DBEst	1401768
N38891	DBEst	1162098
R10675	DBEst	762631
W93067	DBEst	1422239
W80688	DBEst	1391779
AA043790	DBEst	1521675
R95841	DBEst	981501

Page 29 of 89

TABLE 2A-1

	220222	OT NED
ACC NUM	DATABASE	GI NBR 1463310
AA007276 AA063598	DBEst DBEst	1557565
N35156	DBEst	1156298
W46629	DBEst	1331257
N73309	DBEst	1230413
AA456629	DBESt	2179205
AA046700	DBEst	1524597
AA033991	DBEst	1505800
AA485739	DBEst	2214958
AA496438	DBEst	2229759
AA034058	DBEst	1505867
AA669055	DBEst	2630554
T51539	DBEst	653399
AA025246	DBEst	1490188
N91145	DBEst	1444472
AA017544	DBEst	1479697
AA176581	DBEst	1757705
AA115761	DBEst	1670792
AA625655	DBEst	2538042
N92699	DBEst	1265008
AA136666	DBEst	1697894
AA453485	DBEst	2167154
N33274	DBEst	1153673
N26175	DBEst	1140523
AA702422	DBEst	2705535
AA443587	DBEst	2156262
AA454098	DBEst	2167767
W45688	DBEst	1329778
R44930	DBEst	823197
AA460838	DBEst	2185958
AA487543	DBEst	2217707
R54034	DBEst	815936
AA496149	DBEst	2229470
нов210	DBEst	873032
T82459	DBEst	709661
н13688	DBEst	878508
R52030	DBEst	813932
T82461	DBEst	709663
AA291749	DBEst	1939745
R44840	DBEst	824215
H11003	DBEst	875823
R59197	DBEst	829892
н15114	DBEst	879934
AA150500	DBEst	1722014
т87226	DBEst	715578
AA629707	DBEst	2552318
R44530	DBEst	823920
H08226	DBEst	873048
H11454	DBEst	876274
T88939	DBEst	717452
H15153	DBEst	879973
AA012939	DBEst	1473966
R27615	DBEst	783750
R39111	DBEst	796567
R54073	DBEst	815975
H15288	DBEst	880108

Page 30 of 89

TABLE 2A-1

		a= 1777
ACC NOM	DATABASE	<u>GI NBR</u> 2217382
AA487218	DBEst	
AA458878	DBEst	2183785
н22566	DBEst	891261
н98215	DBEst	1119100
н99837	DBEst	1124505
н18932	DBEst	885172
AA160670	DBEst	1736055
N62914	DBEst	1210743
AA176819	DBEst	1757951
R52681	DBEst	814583
N36130	DBEst	1157272
R10823	DBEst	763558
R58985	DBEst	829680
T55997	DBEst	657858
AA102053	DBEst	1645893
R53258	DBEst	815160
AA487070	DBEst	2217234
AA600184	DBEst	2433809
AA428603	DBEst	2112796
H08206	DBEst	873028
R56100	DBEst	826206
AA454713	DBEst	2177489
H17034	DBEst	883274
H17513	DBEst	883753
AA496871	DBEst	2230192
R55673	DBEst	824968
T47625	DBEst	649605
т57359	DBEst	659220
AA121697	DBEst	1679329
AA443099	DBEst	2155774
т72336	DBEst	686857
R44714	DBEst	824092
Т96605	DBEst	735229
N51838	DBEst	1193004
R27975	DBEst	784110
N57858	DBEst	1201748
N72228	DBEst	1229332
N29918	DBEst	1148438
R95867	DBEst	981527
R28660	DBEst	784795 1057627
н79538	DBEst	2184185
AA45927B	DBEst	
N32502	DBEst	1152901 755913
R05293	DBEst	
AA404278	DBEst	2059002
R31262	DBEst	787105 1230080
N72976	DBEst	7771111
N25798	DBEst	1140146
W46433	DBEst	1331063
N71028	DBEst	1227608 1448681
AA005219	DBEst	1645919
AA099820	DBEst	1012450
H59618	DBEst	1266030
N93721	DBEst	751184
R01448	DBEst DBEst	1383115
W72972	ומשמע	1303113

Page 31 of 89

TABLE 2A-1

	20 - 20 - 20 - 20	az
ACC NUM	DATABASE	GI NBR
N30006	DBEst	1148526
W96473	DBEst	1426400
AA284109	DBEst	1928586
W37628	DBEst	1319280
N70553	DBEst	1227133
н60514	DBEst	1013346
W37680	DBEst	1319294
AA425900	DBEst	2107823
N23454	DBEst	1137604
R73661	DBEst	848031
W87801	DBEst	1401886
AA134111	DBEst	1691323
AA625632	DBEst	2538019
W72294	DBEst	1382897
N54456	DBEst	1195776
н90296	DBEst	1080726
W81504	DBEst	1392553
AA085759	DBEst	1629221
AA676840	DBEst	2657362
N70759	DBEst	1227339
AA428959	DBEst	2110501 651390
T49530	DBEst	
AA701081	DBEst	2704246 875801
H10981	DBEst	1125293
N20338	DBEst	651662
T49802	DBEst	891776
H23081	DBEst DBEst	1383605
W73473 T50041	DBESt	651901
T64216	DBEst	668081
R80779	DBEst	857060
T62577	DBEst	666234
AA682815	DBEst	2669498
H17115	DBEst	883355
T50121	DBEst	651981
R54846	DBEst	818968
N58558	DBEst	1202448
T51290	DBEst	653150
R66415	DBEst	839053
T40668	DBEst	648271
R52635	DBEst	814537
н22956	DBEst	891651
R53442	DBEst	815344
H19417	DBEst	888112
AA088861	DBEst	1634391
N48899	DBEst	1190065
R42698	DBEst	819643
н19217	DBEst	885457
W46577	DBEst	1331242
н23256	DBEst	891951
AA664180	DBEst	2618171
H24347	DBEst	893042
AA621256	DBEst	2525195
R56432	DBEst	826538
R54558	DBEst	816460
T41032	DBEst	648609

Page 32 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
W47362	DBEst	1332001
Т98628	DBEst	748365
AA464578	DBEst	2189462
AA010557	DBEst	1471603
W91885	DBEst	1424267
AA458486	DBEst	2183393
N62273	DBEst	1210102
N34637	DBEst	1155779
W90323	DBEst	1406703
н70603	DBEst	1042419
N50962	DBEst	1192128
N62080	DBEst	1210009
H49517	DBEst	989358
AA457718	DBEst	2180438
R99293	DBEst	985894
AA147654	DBEst	1717025
AA004652	DBEst	1448189
H48251	DBEst	986638
AA664195	DBEst	2618186
N31948	DBEst	1152347
AA041396	DBEst	1517630
AA669689	DBEst	2631188
AA016234	DBEst	1477281
N63943	DBEst	1211772
W86521	DBEst	1400378
н65478	DBEst	1024218
W73144	DBEst	1383279
AA448167	DBEst	2161837
N36123	DBEst	1157265
AA402883	DBEst	2056637
AA630328	DBEst	2552939
N52136	DBEst	1193397
N30553	DBEst	1149073 1437117
AA001432	DBEst	796525
R39069	DBEst	1547950
AA055585	DBEst	2178297
AA455521	DBEst	873886
н09064	DBEst	884169
H17929	DBEst DBEst	876273
H11453	DBESt	873363
H08541	DBEst	883562
H17322	DBEst	2111248
AA430675	DBEst	2111679
AA427899	DBEst	883724
H17484	DBEst	819802
R42894 AA405800	DBEst	2063783
T89084	DBEst	717597
R66139	DBEst	838777
AA630320	DBEst	2552931
T48692	DBEst	650552
R52796	DBEst	814698
R91539	DBEst	959079
R44647	DBEst	824031
R31562	DBEst	787405
AA405901	DBEst	2064095
. 27203334	-	

Page 33 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
H29245	DBEst	900155
AA425316	DBEst	2106072
N73101	DBEst	1230205
н17954	DBEst	884194
н22946	DBEst	891641
N58372	DBEst	1202262
н28738	DBEst	899692
R54177	DBEst	816079
พ51705	DBEst	1192871
н99659	DBEst	1124327
T52652	DBEst	654512
т72915	DBEst	689590
AA176867	DBEst	1758071
AA426113	DBEst	2106585
H17046	DBEst	883286
AA479913	DBEst	2204395
R20662	DBEst	775443
AA490249	DBEst	2221068
AA099748	DBEst	1645859
н09759	DBEst	874581
R56769	DBEst	826875
н08734	DBEst	873556
N20577	DBEst	1125532
н98780	DBEst	1123448
R33037	DBEst	788880
н99394	DBEst	1124062
ท35889	DBEst	1157031
AA431746	DBEst	2115454
AA460282	DBEst	2185098
AA029331	DBEst	1496820
N27145	DBEst	1141493
AA443105	DBEst	2155780
AA063573	DBEst	1557522
W93147	DBEst	1422516
AA010619	DBEst	1471645
AA011678	DBEst	1472724
AA001983	DBEst	1445418
N59219	DBEst	1203109
AA039857	DBEst	1516135
R17096	DBEst	770706
N72116	DBEst	1229220
AA001359	DBEst	1437463
AA011480	DBEst	1472507
W80701	DBEst	1391719
AA136049	DBEst	1697259
N68738	DBEst	1224899
AA151111	DBEst	1722660
AA454864	DBEst	2177640
N70734	DBEst	1227314
AA035745	DBEst	1507573
N54157	DBEst	1195323
AA041293	DBEst	1517510
R86970	DBEst	945711
AA133194	DBEst	1689956
н66670	DBEst	1025410
N63949	DBEst	1211778

Page 34 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
R11047	DBEst	763782
R91689	DBEst	959229
н66710	DBEst	1025450
AA464728 ·	DBEst	2189612
W90128	DBEst	1406118
N74625	DBEst	1231910
AA464140	DBEst	2189024
N32811	DBEst	1153210
N63848	DBEst	1211677
AA43438B	DBEst	2139302
W93523	DBEst	1422644
R99847	DBEst	986448
T51592	DBEst	653452
н68885	DBEst	1030115
AA401441	DBEst	2053649
т51995	DBEst	653855
AA181333	DBEst	1764816
Т55592	DBEst	657453
W63749	DBEst	1371329
R43271	DBEst	821378
R73584	DBEst	847616
H23265	DBEst	891960
T54144	DBEst	656005
т70032	DBEst	681180
R83277	DBEst	928154
R59167	DBEst	829862
T52325	DBEst	654185
AA683102	DBEst	2668993
AA699732	DBEst	2702695
H94471	DBEst	1102104
T71578	DBEst	686099
R44538	DBEst	823927
R44564	DBEst	823953
н10226	DBEst	875048
н09620	DBEst	874442
AA476294	DBEst	2204505
AA504858	DBEst	2241018
H24327	DBEst	893022
R52786	DBEst	814688
н15250	DBEst	880070
T48011	DBEst	649991
н18456	DBEst	884696
н17063	DBEst	883303
T61888	DBEst	665131
H23482	DBEst	892177
T48649	DBEst	650509
н17981	DBEst	884221
н09317	DBEst	874139
AA412509	DBEst	2071079
н19312	DBEst	885552
R44210	DBEst	822073
H11448	DBEst	876268
AA150532	DBEst	1722088
AA461511	DBEst	2185375
н15653	DBEst	880473
AA426049	DBEst	2106537

Page 35 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA460304	DBEst	2185120
AA485730	DBEst	2214949
AA011598	DBEst	1472705
AA024832	DBEst	1489746
W87710	DBEst	1401764
N91962	DBEst	1264271
н51050	DBEst	990891
AA011100	DBEst	1472128
AA043092	DBEst	1521193
н51271	DBEst	991112
N51961	DBEst	1193127
N71147	DBEst	1227727
W92233	DBEst	1424598
AA029703	DBEst	1497143
AA485424	DBEst	2214643
N48700	DBEst	1189866
AA427733	DBEst	2111574
ท91003	DBEst	1444330
н63959	DBEst	1018760
N40917	DBEst	1164515
N70848	DBEst	1227428
AA136889	DBEst	1698117
AA430629	DBEst	2112152
W51985	DBEst	1349239
AA629897	DBEst	2552508
ท53360	DBEst	1194526
AA427778	DBEst	2112358
N40952	DBEst	1164550
AA677706	DBEst	2658228
AA043800	DBEst	1521713
AA455013	DBEst	2177789
R68106	DBEst	841623
AA001884	DBEst	1445269
ท55355	DBEst	1198234
W81135	DBEst	1391349
AA429661	DBEst	2113038
AA115328	DBEst	1670508
AA127965	DBEst	1687227
AA460313	DBEst	2185129
AA629189	DBEst	2541576
н60298	DBEst	1013130 2618170
AA664179	DBEst	1471047
AA010000	DBEst	1289768
W15318	DBEst	1479590
AA017379	DBEst	2177904
AA455128	DBEst	953819
R88992	DBEst	1404207
W88725	DBESt	1219935
N67810	DBEst	917196
H41144	DBEst	1690437
AA133469	DBEst	2656374
AA679907	DBEst	1229314
N72210	DBEst	2139325
AA434411	DBEst DBEst	1543992
AA052932	DBESt	1164543
N40945	DDESC	1104747

Page 36 of 89

TABLE 2A-1

	D2884D2CD	CT NTRP
ACC NUM	DATABASE	GI NBR 900186
H29276	DBEst	824953
R55658	DBEst DBEst	1124773
N20106	DBEst	875235
H10413	DBEst	795022
R37566 AA496334	DBEst	2229655
H29227	DBESt	900137
H45976	DBEst	922028
R54212	DBEst	816114
AA670155	DBEst	2631654
AA700322	DBEst	2703285
н09601	DBEst	874423
W72437	DBEst	1382363
AA122287	DBEst	1678526
AA461098	DBEst	2186218
AA404565	DBEst	2059307
AA443706	DBEst	2156381
AA448281	DBEst	2161951
AA045524	DBEst	1523760
н15695	DBEst	880515
н29303	DBEst	900213
AA469975	DBEst	2197284
AA446864	DBEst	2159529
AA011637	DBEst	1472674
AA463516	DBEst	2188400
T54672	DBEst	656533
AA496247	DBEst	2229568
AA608572	DBEst	2457000
AA211459	DBEst	1810104
AA460965	DBEst	2186085
т47971	DBEst	649951
н19307	DBEst	885547
AA446887	DBEst	2159552
AA425302	DBEst	2106058 1471363
AA010247	DBEst	883383
н17143	DBEst	1696102
AA135001	DBEst	648736
T41173	DBEst	1128686
N22552	DBEst DBEst	1421925
W92772	DBESt	1266049
N93740 AA054722	DBEst	1545667
AA142842	DBEst	1712285
N57950	DBEst	1201840
N70059	DBEst	1226639
н91615	DBEst	1087193
AA448182	DBEst	2161852
N79989	DBEst	1242690
N73383 N72882	DBESt	1229986
AA455509	DBEst	2178285
N30655	DBEst	1149175
AA485428	DBEst	2214647
R99105	DBEst	985706
н54263	DBEst	994410
AA443594	DBEst	2156269
AA676998	DBEst	2657520

Page 37 of 89

TABLE 2A-1

200 2000	DATABASE	GI NBR
H58606	DBEst	1011438
		2179857
AA457137	DBEst	2617301
AA663310	DBEst	1928598
AA284265	DBEst	2207614
AA479058	DBEst	2183387
AA458480	DBEst	
W73889	DBEst	1382284
AA010223	DBEst	1471250
AA004525	DBEst	1448102
н73628	DBEst	1046496
R31793	DBEst	787636
R12679	DBEst	765755
AA284261	DBEst	1928594
AA284184	DBEst	1928529
н87459	DBEst	1069038
AA114966	DBEst	1670181
AA009593	DBEst	1470752
AA664040	DBEst	2618031
N32832	DBEst	1153231
AA284281	DBEst	1928563
H77494	DBEst	1055583
AA457115	DBEst	2179835
AA010188	DBEst	1471215
AA677306	DBEst	2657828
Т90446	DBEst	718959
н98683	DBEst	1123351
N63598	DBEst	1211427
AA010406	DBEst	1471452
AA700419	DBEst	2703382
AA680407	DBEst	2656714
AA412217	DBEst	2070841
Т72068	DBEst	686589
AA430665	DBEst	2111221
н68848	DBEst	1030358
R53527	DBEst	815429
H49511	DBEst	989352
AA630794	DBEst	2553405
T53431	DBEst	655291
T74566	DBEst	691241
AA677185	DBEst	2657707
AA292226	DBEst	1940362
н52110	DBEst	991951
AA668527	DBEst	2630026
AA630016	DBEst	2552627
н24352	DBEst	893047
R44353	DBEst	B20649
AA454175	DBEst	2167844
AA488413	DBEst	2215844
н16701	DBEst	882941
AA045074	DBEst	1523555
AA489470	DBEst	2219072
H17511	DBEst	883751
н09778	DBEst	874600
н24355	DBEst	893050
AA186605	DBEst	1774780
н11270	DBEst	876090

Page 38 of 89

TABLE 2A-1

·		OT APP
ACC NUM	DATABASE	875026
H10204	DBEst	
H17625	DBEst	883865
N67816	DBEst	1219941
AA666180	DBEst	2620793
W86608	DBEst	1400355
AA456139	DBEst .	2179349
H20757	DBEst	889452
AA486761	DBEst	2216925
T52375	DBEst	654235
H15436	DBEst	880256
H24018	DBEst	892713
н10993	DBEst	875813
T54643	DBEst	656504
н09245	DBEst	874067
т65736	DBEst	674781
AA464709	DBEst	2189593
T54673	DBEst	656534
R27457	DBEst	783592
AA610040	DBEst	2458468
H29231	DBEst	900141
н17506	DBEst	883746
W80361	DBEst	1391438
N39449	DBEst	1162656
W81603	DBEst	1392642
AA004719	DBEst	1448624
W91879	DBEst	1424261
AA457138	DBEst	2179858
н56640	DBEst	1005284
н90767	DBEst	1081197
W86630	DBEst	1400227
ท71080	DBEst	1227660
н57060	DBEst	1009892
H57130	DBEst	1009962
W74802	DBEst	1385053
AA454861	DBEst	2177637
N59270	DBEst	1203160
AA429398	DBEst	2112353
W92514	DBEst	1424898
AA053296	DBEst	1545755
R89225	DBEst	954052
W93024	DBEst	1422175
AA447553	DBEst	2161223
N30372	DBEst	1148892
w60057	DBEst	1366816
AA676404	DBEst	2656926
W93382	DBEst	1422504 2161941
AA448271	DBEst	
R77293	DBEst	851925
AA443637	DBEst	2156312
R72434	DBEst	846466
AA454160	DBEst	2167829
R95962	DBEst	981622
AA058711	DBEst	1551519
AA454562	DBEst	2177338
AA436187	DBEst	2141101
AA007283	DBEst	1463317

Page 39 of 89

WO 01/18542 246

TABLE 2A-1

ACC NUM	Database	GI NBR
AA055979	DBEst	1548345
AA496539	DBEst	2229860
H24308	DBEst	893003
N64014	DBEst	1211843
н07934	DBEst	872756
R56251	DBEst	826357
н09076	DBEst	873898
H19227	DBEst	885467
н15089	DBEst	879909
AA416759	DBEst	2077713
AA430367	DBEst	2110942
н08720	DBEst	873542
H15685	DBEst	880505
AA626698	DBEst	2539085
н09325	DBEst	874147
AA046525	DBEst	1524628
н09322	DBEst	874144
T54121	DBEst	655982
нов730	DBEst	873552
R42823	DBEst	819734
W69954	DBEst	1379214
н29590	DBEst	900500
AA292074	DBEst	1940060
AA187148	DBEst	1775265
H12081	DBEst	876901
н08568	DBEst	873390
AA461174	DBEst	2186294
W72293	DBEst	1382896
т61116	DBEst	664153
AA598945	DBEst	2432617
AA488432	DBEst	2215863
R56234	DBEst	826340
AA486281	DBEst	2216497
т49633	DBEst	651493
AA487488	DBEst	2217652
т52700	DBEst	654560
R44173	DBEst	822037
T55197	DBEst	657058
т63520	DBEst	667385
R44163	DBEst	822027
Т56013	DBEst	657874
N64617	DBEst	1212446
R43168	DBEst	825394
R37026	DBEst	794482
AA029597	DBEst	1497001
N31808	DBEst	1152207
N35922	DBEst	1157064
ท89973	DBEst	1443300
н97868	DBEst	1118753
AA457108	DBEst	2179828
N75569	DBEst	1238147
н91245	DBEst	1081675
AA485357	DBEst	2214576
AA431435	DBEst	2115143
AA429367	DBEst	2112140
AA039851	DBEst	1516129

Page 40 of 89

TABLE 2A-1

		OT MAD
ACC NUM	DATABASE	GI NBR 1155636
N34494	DBEst	
Н79319	DBEst	1057408
W42587	DBEst	1327057
AA670107	DBEst	2631606
Н94474	DBEst	1102107
AA629692	DBEst	2552303
R75639	DBEst	850321
AA055946	DBEst	1548285
AA010222	DBEst	1471249
W74337	DBEst	1384486
AA009840	DBEst	1470887
AA699926	DBEst	2702889
н87153	DBEst	1068732
AA434187	DBEst	2139101
AA032221	DBEst	1502183
AA074511	DBEst	1614398
N35250	DBEst	1156392
N32281	DBEst	1152680
w93379	DBEst	1422501
W56753	DBEst	1358619
AA157017	DBEst	1728633
R98003	DBEst	983663
N63768	DBEst	1211597
AA485731	DBEst	2214950
AA150487	DBEst	1722001
R48320	DBEst	810346
R44357	DBEst	820653
R39528	DBEst	796984
AA485427	DBEst	2214646
AA621535	DBEst	2525474
R56055	DBEst	826161
AA056013	DBEst	1548352
T55407	DBEst	657268
Н11938	DBEst	876758
R38635	DBEst	796091
AA668726	DBEst	2630225
T55704	DBEst	657565
W69906	DBEst	1379374
R44496	DBEst	823886
AA610066	DBEst	2458494
R52682	DBEst	814584
T56007	DBEst	657868
AA634028	DBEst	2557242
R38652	DBEst	796108
н90431	DBEst	1080861
R44048	DBEst	821916
н19415	DBEst	888110
W93370	DBEst	1422492
AA699573	DBEst	2703720
AA055350	DBEst	1547688
н98694	DBEst	1123362
Н88540	DBEst	1070800
н16761	DBEst	883001
AA598781	DBEst	2432453
н08753	DBEst	873575
AA088258	DBEst	1633761

Page 41 of 89

TABLE 2A-1

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ACC NUM	DATABASE	GI NBR
R42671	DBEst	819616
Т52531	DBEst	654391
H29215	DBEst	900125
R94175	DBEst	969570
H18428	DBEst	884668
T57848	DBEst	659709
AA412738	DBEst	2070345
AA496887	DBEst	2230208
H10403	DBEst	875225
AA088458	DBEst	1633979
T58648	DBEst	660485
H29257	DBEst	900167
н85476	DBEst	1064498
AA111979	DBEst	1664066
AA004868	DBEst	1447685
AA165410	DBEst	1741469
AA007502	DBEst	1463488
AA130351	DBEst	1691494
H09143	DBEst	873965
W79834	DBEst	1390242
W85890	DBEst	1398319
н58000	DBEst	1010832
N58473	DBEst	1202363
N45301	DBEst	1186467
AA004846	DBEst	1447683
N54793	DBEst	1196113
AA010128	DBEst	1471156
AA056734	DBEst	1549100
AA022496	DBEst	1486587
w93688	DBEst	1422810
N50797	DBEst	1191963
H40351	DBEst	916403
N46096	DBEst	1187262
N46321	DBEst	1187487
N58022	DBEst	1201912
R06123	DBEst	756743
N64426	DBEst	1212255
R06706	DBEst	757326
AA447593	DBEst	2161263
N53378	DBEst	1194544
н60560	DBEst	1013392
AA056580	DBEst	1548920
н60824	DBEst	1013656
N92764	DBEst	1265073
AA496360	DBEst	2229681
N62464	DBEst	1210293
R38640	DBEst	796096
AA001897	DBEst	1445282
T96107	DBEst	734731
AA703141	<b>DBE</b> st	2706254
N50854	DBEst	1192020
N74623	DBEst	1231908
W92134	DBEst	1424645
AA454172	DBEst	2167841
AA459674	DBEst	2184581
AA005153	DBEst	1447808

Page 42 of 89

TABLE 2A-1

	22 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2	GI NBR
ACC NUM	DATABASE	2184890
AA460006	DBEst	1027026
н68286	DBEst	1448105
AA004528	DBEst	1162749
N39542	DBEst	1512928
AA037810	DBEst	
AA151245	DBEst	1719436 2078964
AA419251	DBEst	
AA457688	DBEst	2180408
R72097	DBEst	846129
AA454012	DBEst	2167681
AA464518	DBEst	2189402
N63988	DBEst	1211817
н18953	DBEst	885193
AA157499	DBEst	1729106
AA427891	DBEst	2111671
N32514	DBEst	1152913
AA025275	DBEst	1489475
H18472	DBEst	884712
н11036	DBEst	875856
R45939	DBEst	824272
AA284954	DBEst	1927635
н29566	DBEst	900476
R43352	DBEst	801576
AA446462	DBEst	2159127
т87235	DBEst	715587
н29500	DBEst	900410
AA664389	DBEst	2618380
н17800	DBEst	884040
н18936	DBEst	885176
R44193	DBEst	822057
N90783	DBEst	1444110
AA680136	DBEst	2656603
R43486	DBEst	820004
N62244	DBEst	1210073
AA700556	DBEst	2703519
н17055	DBEst	883295
н15087	DBEst	879907
н23212	DBEst	891907
R39066	DBEst	796522
н91691	DBEst	1087269
T52330	DBEst	654190
AA129171	DBEst	1688955
R56397	DBEst	826503
R43896	DBEst	821774
AA620556	DBEst	2524495
т68113	DBEst	679261
н08203	DBEst	873025
R38369	DBEst	795825
R41730	DBEst	817437
AA400229	DBEst	2054243
н10939	DBEst	875759
AA460353	DBEst	2185566
AA608567	DBEst	2456995
R20547	DBEst	820487
н18927	DBEst	885167
W74646	DBEst	1384859

Page 43 of 89

WO 01/18542 PCT/US00/24199

TABLE 2A-1

	2121212	07 NDD
ACC NUM	DATABASE	GI NBR 765884
R12808	DBEst	
N50079	DBEst	1191245 2217279
AA487115	DBEst	
н09757	DBEst	874579
AA600214	DBEst	2433839
R43543	DBEst	821472
н18424	DBEst	884664
AA453616	DBEst	2167285
N53421	DBEst	1194587
W15542	DBEst	1289943
AA457119	DBEst	2179839
R02329	DBEst	752065
ท91589	DBEst	1444916
N33555	DBEst	1153954
W84774	DBEst	1395894
AA131530	DBEst	1693081
Т95650	DBEst	734274
N92404	DBEst	1264713
AA007370	DBEst	1463374
T83864	DBEst	712152
N49577	DBEst .	1190743
W67292	DBEst	1376306
W37447	DBEst	1319061
AA004796	DBEst	1448293
ท36172	DBEst	1157314
N26714	DBEst	1141062
Т95909	DBEst	734533
W02102	DBEst	1274102
W72666	DBEst	1382486
н98201	DBEst	1119086
AA055052	DBEst	1547391
AA669545	DBEst	2631044
ท39572	DBEst	1162779
N36994	DBEst	1158136
AA022561	DBEst	1486668
ท72307	DBEst	1229411
N62487	DBEst	1210316
W63785	DBEst	1371386
AA700604	DBEst	2703567
N26906	DBEst	1141254
R62384	DBEst	834263
N49276	DBEst	1190442
H46254	DBEst	922306
N46240	DBEst	1187406
W86423	DBEst	1400190
AA149226	DBEst	1719661
R15785	DBEst	768200
AA009484	DBEst	1470839
AA040387	DBEst	1516683
N32199	DBEst	1152598
W72803	DBEst	1382916
AA151480	DBEst	1719985
AA454689	DBEst	2177465
AA055163	DBEst	1547520
AA404337	DBEst	2059062
AA113881	DBEst	1667766

Page 44 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
T97710	DBEst	747055
R43088	DBEst	820149
R59200	DBEst	829895
AA019320	DBEst	1482731
T57834	DBEst	659695
н09243	DBEst	874065
T57349	DBEst	659210
R46202	DBEst	805599
T57221	DBEst	659082
Т95113	DBEst	733737
R43646	DBEst	821563
AA400262	DBEst	2054142
R38089	DBEst	795545
AA007699	DBEst	1463691
н09769	DBEst	874591
AA634006	DBEst	2557220
R56148	DBEst	826254
AA156461	DBEst	1728086
R38274	DBEst	795730
Т96688	DBEst	735312
AA629558	DBEst	2552169
R33031	DBEst	788874
н10079	DBEst	874901
AA678280	DBEst	2658802
Т58129	DBEst	659990
N94820	DBEst	1267315
R39555	DBEst	797011
AA041300	DBEst	1517517
R54797	DBEst	819382
AA402812	DBEst	2056675
AA052960	DBEst	1543960
AA088430	DBEst	1633950
н09664	DBEst	874486
R43456	DBEst	819974
R53980	DBEst	815882
R43678	DBEst	802402
H10661	DBEst	875483
AA608555	DBEst	2456983
AA191488	DBEst	1780150
AA460366	DBEst	2185579
R45284	DBEst	821684
H11016	DBEst	875836
AA487896	DBEst	2215327
R53446	DBEst	815348
AA489813	DBEst	2220697
R59556	DBEst	830251
AA034059	DBEst	1505868
W35416	DBEst	1317362
R56123	DBEst	826229
R39546	DBEst	797002
W72881	DBEst	1383094
T50995	DBEst	652855
AA489847	DBEst	2220722
R38381	DBEst	795837
AA429573	DBEst	2112813
AA458473	DBEst	2183380

Page 45 of 89

TABLE 2A-1

200 200	TD ROTEMACT	GI NBR
ACC NUM	DBEST	819640
R42695	DBESt	816011
R54109 R23735	DBEst	778623
AA489768	DBEst	2220652
R38018	DBEst	795474
W15487	DBEst	1289868
AA454682	DBEst	2177458
AA486410	DBEst	2216574
R06746	DBEst	757366
AA448285	DBEst	2161955
R87122	DBEst	945935
R07128	DBEst	759051
R89104	DBEst	953931
R89828	DBEst	954655
R21408	DBEst	776189
AA013260	DBEst	1474307
AA053815	DBEst	1544750
N62213	DBEst	1210042
AA146969	DBEst	1716384
W90764	DBEst	1406730
N73705	DBEst	1230990
AA453495	DBEst	2167164
AA005428	DBEst	1448519
H77729	DBEst	1055818
AA485377	DBEst	2214596
N91165	DBEst	1444492
AA406020	DBEst	2064003
AA039512	DBEst	1516002
R53935	DBEst	815837
N59150	DBEst	1203040
AA157813	DBEst	1732642
AA074596	DBEst	1614483
AA419177	DBEst	2078924
AA464963	DBEst	2189847
W86199	DBEst	1398749
W90760	DBEst	1406726
W73790	DBEst	1383953
AA464694	DBEst	2189578
AA459681	DBEst	2184588
W84667	DBEst	1395847
AA135868	DBEst	1697100
AA150263	DBEst	1721784
AA102068	DBEst	1645927
AA040265	DBEst	1516670
W32511	DBEst	1313501
н70887	DBEst	1042703
AA010600	DBEst	1471626
AA459401	DBEst	2184308
AA045658	DBEst	1525589
R94491	DBEst	969886
AA150777	DBEst	1722288
AA448003	DBEst	2161673
AA005140	DBEst	1448643
N70208	DBEst	1226788
AA629909	DBEst	2552520
AA071486	DBEst	1578857

Page 46 of 89

## TABLE 2A-1

		OT 100
ACC NUM	DATABASE	GI NBR
R56044	DBEst	826150
н09818	DBEst	874640
AA629262	DBEst	2541649
н09099	DBEst	873921
R44082	DBEst	821950
H10995	DBEst	875815
H10047	DBEst	874869
нов582	DBEst	873404
н09959	DBEst	874781
н09078	DBEst	873900
AA678335	DBEst	2658857
AA036881	DBEst	1509973
н17620	DBEst	883860
н23229	DBEst	891924
Н86554	DBEst	1068133
н09082	DBEst	873904
AA670430	DBEst	2631929
H11728	DBEst	876548
AA682293	DBEst	2669610
н15408	DBEst	880228
R20639	DBEst	775420
AA419229	DBEst	2078959
н16733	DBEst	882973
R44078	DBEst	821946
AA629603	DBEst	2552214
н28734	DBEst	899688
R37108	DBEst	794564
AA421218	DBEst	2100043
R54105	DBEst	816007
R37696	DBEst	795152
н72030	DBEst	1043846
R44214	DBEst	822077
н23529	DBEst	892224
н09164	DBEst	873986
N69091	DBEst	1225252
AA173926	DBEst	1754058
н18934	DBEst	885174
AA599085	DBEst	2432710
AA486780	DBEst	2216944 1187520
N46354	DBEst	
AA431887	DBEst	2115595 889442
H20747	DBEst	891920
H23225	DBEst	673964
т64919	DBEst	1741141
AA164847	DBEst	908720
H39221	DBEst	2230199
AA496878	DBEst	
ท30792	DBEst	1149312
W90660	DBEst	1406636 1147876
N29356	DBEst	1267293
N95011	DBEst	1267293
N92895	DBEst	1148828
N30308	DBEst	1447956
AA004321	DBEst	734933
Т96309	DBEst	1448388
AA005355	DBEst	1440300

Page 47 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA137073	DBEst	1698290
AA004353	DBESt	1447967
N35025	DBEst	1156167
W90067	DBEst	1406077
N32623	DBEst	1153022
	DBEst	2184296
AA459389 N67832	DBEst	1219957
	DBEst	717329
T88816 AA148524	DBEst	1721742
N30069	DBEst	1148589
R86242	DBEst	944648
W72692	DBEst	1382512
w72692 н92965	DBEst	1099293
R32334	DBEst	788177
R91570	DBEst	959110
н92974	DBEst	1099302
N51357	DBESt	1192523
	DBEst	1099378
H93050	DBEst	1193720
N52554	DBEst	1472409
AA011383 N92924	DBEst	1265233
N92924 N36174	DBEst	1157316
AA448270	DBEst	2161940
N92502	DBEst	1264811
	DBEst	1201467
N57577	DBEst	2204496
AA476285	DBEst	1014590
H61758 W04713	DBEst	1277433
W04713 N25240	DBEst	1139390
AA454218	DBEst	2167887
N62096	DBEst	1209909
AA457153	DBEst	2179873
W90705	DBEst	1406651
N93438	DBEst	1265747
W78169	DBEst	1388703
AA459296	DBEst	2184203
N93455	DBEst	1265764
N66025	DBEst	1218150
W86518	DBEst	1400375
AA669750	DBEst	2631249
н12338	DBEst	877158
AA047478	DBEst	1525653
AA055486	DBEst	1547825
н24350	DBEst	893045
н15718	DBEst	880538
R38349	DBEst	795805
N66053	DBEst	1218178
N91921	DBEst	1264230
R38364	DBEst	795820
AA425934	DBEst	2107722
T59016	DBEst	660853
R42433	DBEst	<b>B17198</b>
R44754	DBEst	824132
H29521	DBEst	900431
N47443	DBEst	1188609
AA434139	DBEst	2139053

Page 48 of 89

TABLE 2A-1

100 NTM	DATABASE	GI MBR
ACC NUM	DBEst	689208
T72533	DBESt	994564
H54417	DBEst	801037
R42813	DBEst	689210
т72535		661898
T60061	DBEst	2056788
AA402891	DBEst	821745
R43867	DBEst	816095
R54193	DBEst	749782
R00046	DBEst	2053605
AA401397	DBEst	2180263
AA457543	DBEst	2180263 899895
н28985	DBEst	1227100
ท70520	DBEst	795071
R37615	DBEst	
н15533	DBEst	880353
W57872	DBEst	1364654
AA419143	DBEst	2078941
AA457485	DBEst	2180205
AA191019	DBEst	1779611
н09790	DBEst	874612
AA134985	DBEst	1696104
R43319	DBEst	821426
AA669674	DBEst	2631173
AA195463	DBEst	1785176
н16793	DBEst	883033
AA186327	DBEst	1774445
R38944	DBEst	796400
н16795	DBEst	883035
R54822	DBEst	819407
AA629987	DBEst	2552598
н16832	DBEst	883072
AA599140	DBEst	2432765
R56130	DBEst	826236
R17747	DBEst	771357
н17308	DBEst	883548
ท90281	DBEst	1443608
N24024	DBEst	1138174
R39926	DBEst	797542
H17634	DBEst	883874
R20755	DBEst	775536
AA053411	DBEst	1544048
AA113291	DBEst	1664996
AA417307	DBEst	2077415
R37410	DBEst	794866
AA169372	DBEst	1748312
AA164819	DBEst	1740980
R56898	DBEst	827004
Т49355	DBEst	651215
R92011	DBEst	959551 1153462
N33063	DBEst	
R08184	DBEst	760107
N32295	DBEst	1152694
W88497	DBEst	1404009
R92446	DBEst	959986
N92415	DBEst	1264724 1391652
w80635	DBEst	1331027

Page 49 of 89

TABLE 2A-1

ACC NUM         DATABASE         GI NBR           N48057         DBESt         1189223           N50904         DBESt         1192070           N63034         DBESt         1210863           AA005254         DBESt         1448756           H65834         DBESt         120775           N62946         DBESt         1210775           N92947         DBESt         1265256           w92798         DBESt         1421951           AA135886         DBESt         1696860           R23727         DBESt         1696860           R23727         DBESt         2161192           AA445722         DBESt         2161193           AA445432         DBESt         2214651           AA45630         DBESt         2171386           N53512         DBESt         2177386           N53512         DBESt         2177386           N53512         DBESt         2167257           R74478         DBESt         2167257           R74478         DBESt         348848           AA136060         DBESt         1523017           W85927         DBESt         1398516           AA055528<			
N50904 DBEST 1192070 N63034 DBEST 1210863 AA005254 DBEST 1210863 AA005254 DBEST 1248756 H65834 DBEST 1024574 N62946 DBEST 1265256 W92798 DBEST 1265256 W92798 DBEST 1265256 AA135886 DBEST 1696860 R23727 DBEST 1696860 R23727 DBEST 161192 H57306 DBEST 1010138 AA447522 DBEST 2161192 H57306 DBEST 1010138 AA485432 DBEST 2161192 AA453474 DBEST 2229551 AA453474 DBEST 2167143 AA496630 DBEST 2229951 AA454610 DBEST 2177386 N53512 DBEST 2167257 AA4545588 DBEST 2167257 AA4545588 DBEST 2167257 AA048814 DBEST 194678 AA069372 DBEST 1398516 AA069372 DBEST 1398516 AA069372 DBEST 1398516 AA069372 DBEST 127804 AA455528 DBEST 2178304 N69393 DBEST 1225554 W74602 DBEST 1398516 AA454022 DBEST 1398516 AA454022 DBEST 1398516 AA453470 DBEST 1225554 W74602 DBEST 1395910 N38787 DBEST 1697970 N38787 DBEST 1395910 N38787 DBEST 1395910 N38787 DBEST 1395910 N38787 DBEST 1507314 AA127741 DBEST 132046 AA035144 DBEST 1567030 R80235 DBEST 1687030 R80235 DBEST 1687030 R80235 DBEST 1687030 R80235 DBEST 1986450 AA018457 DBEST 1687030 R80235 DBEST 1882037 H10417 DBEST 1822046 AA055835 DBEST 188237 H16790 DBEST 182329 H16790 DBEST 182329 H16743 DBEST 196554 AA644088 DBEST 1200223 H16743 DBEST 196554 AA644088 DBEST 1200223 R73570 DBEST 1383606 W73474 DBEST 1383606 W73470 DBEST 1383606		DATABASE	
N63034 DBESt 1210863 AA005254 DBEST 1210863 AA005254 DBEST 1448756 H65834 DBEST 1024574 N62946 DBEST 1210775 N92947 DBEST 1265256 W92798 DBEST 1265256 W92798 DBEST 1696860 R23727 DBEST 778615 AA447522 DBEST 1696860 AA447522 DBEST 1010138 AA485432 DBEST 1010138 AA485432 DBEST 1267143 AA496630 DBEST 1267143 AA496630 DBEST 11946748 AA453588 DBEST 11946748 AA453588 DBEST 11946748 AA453588 DBEST 11946748 AA4353588 DBEST 11946748 AA136060 DBEST 11946748 AA136060 DBEST 1697270 AA044814 DBEST 1398516 AA044814 DBEST 1576730 AA025434 DBEST 1398516 AA025434 DBEST 1278304 N69393 DBEST 1225554 W74602 DBEST 1384884 AA455022 DBEST 1384884 AA454022 DBEST 1384884 AA455023 DBEST 1676730 AA025434 DBEST 1384884 AA455020 DBEST 1384884 AA55587 DBEST 1677314 AA127741 DBEST 1330046 AA035144 DBEST 1687030 W84790 DBEST 1687031 W84790 DBEST 1687030 W847179 DBEST 1687031 W84790 DBEST 1687030 W84790 DBEST 176751 AA055144 DBEST 176751 AA05515 DBEST 176751 AA05515 DBEST 176751 AA05516 AA055835 DBEST 1767554 AA0564088 DBEST 176554 AA064088 DBEST 176554 AA664088 DBEST 176757			
AA005254 DBEST 1448756 H65834 DBEST 1024574 N62946 DBEST 1210775 N92947 DBEST 1265256 W92798 DBEST 1421951 AA135886 DBEST 1696860 R23727 DBEST 2161192 H57306 DBEST 2161192 H57306 DBEST 2161192 H57306 DBEST 2161192 H57306 DBEST 2167143 AA496530 DBEST 2214651 AA445432 DBEST 2214651 AA4546610 DBEST 2229951 AA4546610 DBEST 229951 AA4546610 DBEST 2177386 N53512 DBEST 1194678 AA453588 DBEST 1194678 AA453588 DBEST 1523017 W85927 DBEST 1593017 W85927 DBEST 1398516 AA069372 DBEST 1398516 AA069372 DBEST 1398516 AA052434 DBEST 1490916 AA454502 DBEST 1278304 N69393 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 1384884 AA454020 DBEST 1384884 AA454021 DBEST 1384884 AA454021 DBEST 1384884 AA454021 DBEST 1384884 AA454022 DBEST 1384884 AA454022 DBEST 1384884 AA454021 DBEST 1384884 AA454020 DBEST 1384884 AA454021 DBEST 1384884 AA454021 DBEST 1384884 AA454022 DBEST 1384884 AA454022 DBEST 1384884 AA454020 DBEST 1384884 AA454021 DBEST 1384884 AA454020 DBEST 1384884 AA454020 DBEST 1384884 AA454021 DBEST 1384884 AA454020 DBEST 1384884 AA454020 DBEST 1384884 AA454021 DBEST 1384884 AA454021 DBEST 1384884 AA454022 DBEST 1384884 AA454022 DBEST 1384884 AA455050 DBEST 1384884 AA454021 DBEST 1384884 AA454022 DBEST 1384884 AA454022 DBEST 1384884 AA454021 DBEST 1384884 AA454022 DBEST 1384884 AA454022 DBEST 1384884 AA454021 DBEST 1384884 AA454022 DBEST 1384884 AA55837 DBEST 1384884 AA55837 DBEST 1384884 AA55837 DBEST 1384884 AA56404088 DBEST 1384606 AA55837 DBEST 1384606 AA55837 DBEST 1384607 AA664		DBEst	
H65834 DBEST 1024574 N62946 DBEST 1210775 N92947 DBEST 1265256 W92798 DBEST 1265256 AA135886 DBEST 1696860 R23727 DBEST 1696860 R23727 DBEST 161192 H57306 DBEST 1010138 AA447522 DBEST 2161192 H57306 DBEST 1010138 AA4853474 DBEST 2214651 AA453474 DBEST 22174386 N53512 DBEST 2229951 AA4545388 DBEST 21677386 N53512 DBEST 1194678 AA453588 DBEST 2167257 AA044814 DBEST 1697270 AA044814 DBEST 1523017 W85927 DBEST 1576730 AA069372 DBEST 1576730 AA025434 DBEST 1490916 AA455528 DBEST 1225554 W674602 DBEST 1384884 AA454022 DBEST 2167691 AA453470 DBEST 1384884 AA454022 DBEST 1398516 AA453470 DBEST 1398516 AA453470 DBEST 1398516 AA453470 DBEST 139804 W47179 DBEST 132046 AA035144 DBEST 1507314 ADBEST 1507314 DBEST 1687030 R80235 DBEST 1687031 R80235 DBEST 1687030 R80235 DBEST 1696554 AA018457 DBEST 1687030 R80235 DBEST 1688237 R70505 DBEST 16822395 R70505 DBEST 1682395 R70505 DBEST 168239	N63034	DBEst	
N62946         DBEst         1210775           N92947         DBEst         1265256           W92798         DBESt         1421951           AA135886         DBESt         1696860           R23727         DBESt         778615           AA447522         DBESt         2161192           H57306         DBESt         2214651           AA485432         DBESt         2214651           AA453474         DBESt         2229951           AA45630         DBESt         2229951           AA454610         DBESt         217386           N53512         DBESt         2167257           RA453588         DBESt         2167257           R74478         DBESt         1194678           AA136060         DBESt         1697270           AA044814         DBESt         1523017           W85927         DBESt         1398516           AA05344         DBESt         1490916           AA455528         DBESt         1276730           N69393         DBESt         1225554           W74602         DBESt         1267691           AA453470         DBESt         1395910           N	AA005254	DBEst	
N92947 N9298 N92978 DBEST AA135886 DBEST AA135886 DBEST AA447522 DBEST AA447522 DBEST AA447522 DBEST AA4485432 DBEST AA436630 DBEST AA496630 DBEST AA496630 DBEST AA454610 DBEST AA453588 DBEST AA453588 DBEST AA436600 DBEST AA044814 DBEST AA069372 DBEST AA069372 DBEST AA069372 DBEST AA025434 DBEST AA025434 DBEST AA05528 DBEST AA053470 DBEST AA035570 DBEST AA653470 DBEST AA7478 DBEST AA069371 DBEST AA069372 DBEST AA069372 DBEST AA069372 DBEST AA055528 DBEST AA069373 DBEST AA069374 DBEST AA069374 DBEST AA069375 DBEST AA069376 DBEST AA069377 DBEST AA075434 DBEST AA075434 DBEST AA075434 DBEST AA075434 DBEST AA075434 DBEST AA075434 DBEST AA653470 DBEST AA654688 DBEST AA6560 DBEST AA655616 R99849 DBEST AA655616 R99849 DBEST AA6560 DBEST AA6560 DBEST AA6560 DBEST AA65835 DBEST AA65835 DBEST AA65835 DBEST AA658367 DBEST AA65837 DBEST AA664088 DBEST AA664088 DBEST AA664088 DBEST AA664088 DBEST AA6607 DBEST BA3660 R73474 DBEST BA3660 R73570 DBEST BA3660 R73660 R73670 DBEST BA3660 R73670 DBEST BA366	н65834	DBEst	
W92798         DBEST         1421951           AA135886         DBEST         1696860           R23727         DBEST         778615           AA447522         DBEST         2161192           H57306         DBEST         1010138           AA485432         DBEST         2214651           AA496630         DBEST         2229951           AA456410         DBEST         2229951           N53512         DBEST         1194678           AA453588         DBEST         2167257           R74478         DBEST         2167257           R74478         DBEST         1484848           AA136060         DBEST         1523017           W85927         DBEST         1398516           AA044814         DBEST         1576730           AA025434         DBEST         1576730           AA05937         DBEST         1278304           N69393         DBEST         1225554           W74602         DBEST         1384884           AA454022         DBEST         1384884           N84790         DBEST         1395910           N38787         DBEST         1161994           A	N62946	DBEst	
AA135886 DBEST 1696860 R23727 DBEST 778615 AA447522 DBEST 2161192 AA4485432 DBEST 2214651 AA435474 DBEST 2214651 AA496630 DBEST 2229951 AA453588 DBEST 2167143 AA496630 DBEST 2177386 N53512 DBEST 1194678 AA453588 DBEST 2167257 R74478 DBEST 319678 AA136060 DBEST 323017 W85927 DBEST 398516 AA044814 DBEST 398516 AA059372 DBEST 398516 AA055528 DBEST 3198516 AA455528 DBEST 3184884 AA45602 DBEST 3184884 AA45602 DBEST 3184884 AA454022 DBEST 3184884 AA454022 DBEST 3184884 AA4540402 DBEST 3185910 N38787 DBEST 3167691 N38787 DBEST 316994 N47179 DBEST 3132046 AA035144 DBEST 332046 AA035144 DBEST 3132046 AA035144 DBEST 3133066 AA055835 DBEST 31481712 AA127741 DBEST 3133066 AA055835 DBEST 31333066	N92947	DBEst	1265256
R23727 DBESt 778615 AA447522 DBEST 2161192 H57306 DBEST 1010138 AA485432 DBEST 2214651 AA496630 DBEST 2229951 AA496630 DBEST 2229951 AA454610 DBEST 2229951 AA453588 DBEST 2167257 R74478 DBEST 2167257 R74478 DBEST 348848 AA136060 DBEST 398516 AA069372 DBEST 1523017 AA025434 DBEST 398516 AA455528 DBEST 2178304 N69393 DBEST 325554 AA453470 DBEST 334884 AA33470 DBEST 334884 AA35470 DBEST 3398516 AA048790 DBEST 3398516 AA035144 DBEST 3398516 AA035144 DBEST 3396916 W47179 DBEST 3309916 R8680 DBEST 330046 AA035144 DBEST 366660 AA035144 DBEST 366660 AA035144 DBEST 366660 AA035144 DBEST 366660 R87374 DBEST 366660 AA035144 DBEST 366660 AA055835 DBEST 3683030 H10417 DBEST 383030	W92798	DBEst	1421951
AA447522 DBEST 1010138 AA485432 DBEST 2214651 AA453474 DBEST 2167143 AA496630 DBEST 2229951 AA454610 DBEST 2229951 AA453588 DBEST 2167257 AA453588 DBEST 2167257 AA044814 DBEST 1697270 AA044814 DBEST 1523017 W85927 DBEST 1598516 AA055434 DBEST 1576730 AA025434 DBEST 122554 W74602 DBEST 1384884 AA454022 DBEST 1384884 AA454022 DBEST 1384884 AA454042 DBEST 1576730 W84790 DBEST 1384884 AA13646 DBEST 1384884 AA1366 DBEST 1576730 W84790 DBEST 1384884 AA15741 DBEST 1576730 W847179 DBEST 15767314 AA127741 DBEST 1507314 AA127741 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1687030 R80235 DBEST 1481712 W86660 DBEST 1481712 W86660 DBEST 1481712 W86680 DBEST 1481712 W86680 DBEST 1480730 R80235 DBEST 1481712 W86860 DBEST 1480731 R80235 DBEST 1481712 W86860 DBEST 1548237 H16790 DBEST 1548237 H23213 DBEST 1548237 H2321	AA135886	DBEst	1696860
## ## ## ## ## ## ## ## ## ## ## ## ##	R23727	DBEst	778615
AA485432 DBEST 2214651 AA453474 DBEST 2167143 AA496630 DBEST 2229951 AA454610 DBEST 2177386 N53512 DBEST 1194678 AA453588 DBEST 2167257 R74478 DBEST 348848 AA136060 DBEST 1523017 AA044814 DBEST 1523017 AA025434 DBEST 1576730 AA025434 DBEST 1490916 AA455528 DBEST 122554 AA453470 DBEST 138484 AA453470 DBEST 138484 AA453470 DBEST 1398510 N38787 DBEST 1395910 N38787 DBEST 1395910 N38787 DBEST 1395910 N38787 DBEST 1395910 AA035144 DBEST 1332046 AA035144 DBEST 1332046 AA035144 DBEST 1332046 AA035144 DBEST 1461994 R98487 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1481712 W86860 DBEST 14	AA447522	DBEst	2161192
AA453474 DBEST 2167143 AA496630 DBEST 2229951 AA454610 DBEST 2177386 N53512 DBEST 1194678 AA453588 DBEST 2167257 R74478 DBEST 848848 AA136060 DBEST 1523017 W85927 DBEST 1398516 AA069372 DBEST 1576730 AA025434 DBEST 1490916 AA455528 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 1384884 AA454022 DBEST 13676791 N38787 DBEST 1395910 N38787 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 132046 AA035144 DBEST 132046 AA035144 DBEST 1507314 AA127741 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1481712 W86860 DBEST 1548237 H10417 DBEST 1548237 H23213 DBEST 1548237	н57306	DBEst	1010138
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AA454610 DBEST 2177386 N53512 DBEST 1194678 AA453588 DBEST 2167257 R74478 DBEST 3488484 AA136060 DBEST 1697270 AA044814 DBEST 1523017 W85927 DBEST 1398516 AA069372 DBEST 1576730 AA025434 DBEST 1490916 AA455528 DBEST 2178304 N69393 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 1161994 R98487 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 1548237 H26780 DBEST 1548237 H26790 DBEST 1548237 H22213 DBEST 1548237 H23213 DBEST 1548237 H24607 DBEST 1838606	AA453474	DBEst	2167143
N53512 DBEst 1194678 AA453588 DBEst 2167257 R74478 DBEst 848848 AA136060 DBEst 1697270 AA044814 DBEst 1523017 W85927 DBEst 1398516 AA069372 DBEst 1576730 AA025434 DBEst 1490916 AA455528 DBEst 1225554 W74602 DBEst 1384884 AA454022 DBEst 2167691 AA454002 DBEst 1395910 N38787 DBEst 1395910 N38787 DBEst 1161994 W47179 DBEst 1332046 AA035144 DBEst 1507314 AA127741 DBEst 1507314 AA127741 DBEst 1687030 R80235 DBEst 1986450 AA018457 DBEst 1900681 R42685 DBEst 1400589 R55367 DBEst 1900681 R42685 DBEst 1900630 H10417 DBEst 1900681 R42685 DBEst 1548237 H23213 DBEst 13483606 H34744 DBEst 13383606 H34744 DBEst 13383606 H347607 DBEst 1383606	AA496630	DBEst	2229951
AA453588 DBEST 2167257 R74478 DBEST 848848 AA136060 DBEST 1697270 AA044814 DBEST 1523017 W85927 DBEST 1398516 AA069372 DBEST 1576730 AA025434 DBEST 1576730 AA025434 DBEST 1225554 W74602 DBEST 1384884 AA455528 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 1332046 AA035144 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 1687030 R80235 DBEST 1481712 W86660 DBEST 1900530 H29771 DBEST 1900681 R42685 DBEST 1548237 H29620 DBEST 1548237 H29771 DBEST 1548237 H29771 DBEST 1548237 H29620 DBEST 1548237 H20505 DBEST 1548237 H2171 DBEST 1548237 H22813 DBEST 1548237 H23213 DBEST 1548237 H24607 DBEST 1383606 H24607 DBEST 1383606	AA454610	DBEst	2177386
R74478 DBEST 848848  AA136060 DBEST 1697270  AA044814 DBEST 1523017  W85927 DBEST 1398516  AA069372 DBEST 1576730  AA025434 DBEST 1490916  AA455528 DBEST 1225554  W74602 DBEST 1384884  AA454022 DBEST 2167691  AA453470 DBEST 2167691  AA453470 DBEST 1395910  N38787 DBEST 1161994  R98487 DBEST 1161994  R98487 DBEST 1332046  AA035144 DBEST 1507314  AA127741 DBEST 1687030  R80235 DBEST 1687030  R80235 DBEST 1481712  W86660 DBEST 1481712  W86660 DBEST 1481712  W86680 DBEST 1481712  W86880 DBEST 1548237  H22613 DBEST 824662  H29620 DBEST 824662  H29620 DBEST 824662  H29620 DBEST 84602  H29771 DBEST 824662  H29620 DBEST 84602  H20731 DBEST 883030  H10417 DBEST 882983  R39098 DBEST 796554  AA644088 DBEST 796554  AA644088 DBEST 1383606  R73570 DBEST 823995  R73570 DBEST 823995	N53512	DBEst	1194678
AA136060 DBEst 1697270 AA044814 DBEst 1523017 W85927 DBEST 1398516 AA069372 DBEST 1576730 AA025434 DBEST 1490916 AA455528 DBEST 1225554 W74602 DBEST 1225554 AA453470 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 1161994 R98487 DBEST 1332046 AA035144 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 986450 AA018457 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1481712 W86860 DBEST 1490589 R55367 DBEST 1481712 W86860 DBEST 1490589 R55367 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 1481712 H2685 DBEST 1900681 R42685 DBEST 1900681 R42685 DBEST 1900681 R42685 DBEST 1548237 H16790 DBEST 183030 H10417 DBEST 1875239 H23213 DBEST 1548237 H23213 DBEST 156554 AA644088 DBEST 2569306 W73474 DBEST 1383606 W73474 DBEST 1383606 W73474 DBEST 1383606	AA453588	DBEst	2167257
AA044814 DBEST 1523017 W85927 DBEST 1398516 AA069372 DBEST 1576730 AA025434 DBEST 1490916 AA455528 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 1161994 R98487 DBEST 1161994 AA035144 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1481712 W86860 DBEST 1490589 R55367 DBEST 1481712 W86860 DBEST 1490589 R55367 DBEST 1481712 W86860 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 1481712 H2685 DBEST 824662 H29771 DBEST 900681 R42685 DBEST 819630 AA055835 DBEST 819630 H0417 DBEST 819630 H0417 DBEST 819630 H10417 DBEST 819630 H10417 DBEST 819630 R70505 DBEST 844022 N62394 DBEST 844022 N62394 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 844022 N62394 DBEST 891908 R70505 DBEST 82993 R39098 DBEST 796554 AA644088 DBEST 796554 AA644088 DBEST 1383606 W73474 DBEST 823995 R73570 DBEST 823995	R74478	DBEst	848848
W85927       DBEST       1398516         AA069372       DBEST       1576730         AA025434       DBEST       1490916         AA455528       DBEST       2178304         N69393       DBEST       1225554         W74602       DBEST       1384884         AA454022       DBEST       2167691         AA453470       DBEST       2167139         W84790       DBEST       1395910         N38787       DBEST       1161994         R98487       DBEST       1332046         AA01779       DBEST       1332046         AA035144       DBEST       1507314         AA127741       DBEST       1687030         R80235       DBEST       856516         R99849       DBEST       986450         AA018457       DBEST       1481712         W86860       DBEST       1400589         R55367       DBEST       824662         H29771       DBEST       819630         H29771       DBEST       819630         H10417       DBEST       819630         H10417       DBEST       83030         H10417       DBEST       83030 <td>AA136060</td> <td>DBEst</td> <td>1697270</td>	AA136060	DBEst	1697270
AA069372 DBEst 1576730 AA025434 DBEST 1490916 AA455528 DBEST 2178304 N69393 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 132046 AA035144 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 1548237 H26790 DBEST 819630 H10417 DBEST 819630 H10417 DBEST 883030 H10417 DBEST 83305	AA044814	DBEst	1523017
AA025434 DBEST 1490916 AA455528 DBEST 2178304 N69393 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 1161994 R98487 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 1548237 H29620 DBEST 900681 R42685 DBEST 900681 R42685 DBEST 819630 AA055835 DBEST 1548237 H23213 DBEST 875239 H10417 DBEST 883030 H10417 DBEST 875239 H23213 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 1210223 H16743 DBEST 882983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 823995 R73570 DBEST 823995	W85927	DBEst	1398516
AA455528 DBEST 2178304 N69393 DBEST 1225554 W74602 DBEST 1384884 AA454022 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 985004 W47179 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 140589 R55367 DBEST 140589 R55367 DBEST 1400589 R55367 DBEST 1548237 H29620 DBEST 1548237 H29620 DBEST 1548237 H29620 DBEST 1548237 H29620 DBEST 1548237 H20710 DBEST 1548237 H21710 DBEST 1548237 H23213 DBEST 1548237 H24607 DBEST 1838606 H24607 DBEST 1838606	AA069372	DBEst	1576730
N69393       DBEST       1225554         W74602       DBEST       1384884         AA454022       DBEST       2167691         AA453470       DBEST       2167139         W84790       DBEST       1395910         N38787       DBEST       1161994         R98487       DBEST       985004         W47179       DBEST       1507314         AA035144       DBEST       1507314         AA127741       DBEST       1687030         R80235       DBEST       856516         R99849       DBEST       986450         AA018457       DBEST       1481712         W86860       DBEST       1400589         R55367       DBEST       824662         H29620       DBEST       900530         H29620       DBEST       900681         R42685       DBEST       900681         R42685       DBEST       839630         H10417       DBEST       83030         H10417       DBEST       875239         H23213       DBEST       84022         N62394       DBEST       84022         N62394       DBEST       82983	AA025434	DBEst	1490916
W74602 DBEst 1384884 AA454022 DBEst 2167691 AA453470 DBEst 2167139 W84790 DBEst 1395910 N38787 DBEst 161994 R98487 DBEst 985004 W47179 DBEst 1507314 AA127741 DBEst 1687030 R80235 DBEst 856516 R99849 DBEst 986450 AA018457 DBEst 986450 AA018457 DBEst 1481712 W86860 DBEst 986450 R55367 DBEst 94662 H29620 DBEst 900530 H29771 DBEst 900681 R42685 DBESt 819630 AA055835 DBEST 8148237 H6790 DBEST 81548237 H16790 DBEST 875239 H10417 DBEST 882983 R70505 DBEST 882983 R70505 DBEST 882983 R70505 DBEST 882983 R70505 DBEST 882983 R39098 DBEST 796554 AA644088 DBEST 823995 R73570 DBEST 823995 R73570 DBEST 823995	AA455528	DBEst	2178304
AA454022 DBEST 2167691 AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 1161994 W47179 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 1400589 R55367 DBEST 900530 H29771 DBEST 900681 R42685 DBEST 900681 AA055835 DBEST 819630 AA055835 DBEST 819630 H10417 DBEST 875239 H23213 DBEST 882983 R70505 DBEST 844022 N62394 DBEST 82569306 W73474 DBEST 1383606 W73474 DBEST 823995 R73570 DBEST 823995	N69393	DBEst	1225554
AA453470 DBEST 2167139 W84790 DBEST 1395910 N38787 DBEST 1161994 R98487 DBEST 985004 W47179 DBEST 1332046 AA035144 DBEST 1507314 AA127741 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 824662 H29620 DBEST 900530 H29771 DBEST 900681 R42685 DBEST 819630 AA055835 DBEST 819630 H0417 DBEST 819630 H10417 DBEST 83030 H10417 DBEST 875239 H23213 DBEST 875239 H23213 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 844022 N62394 DBEST 82983 R39098 DBEST 796554 AA644088 DBEST 1383606 W73474 DBEST 823995 R73570 DBEST 823995	W74602	DBEst	1384884
W84790         DBESt         1395910           N38787         DBESt         1161994           R98487         DBESt         985004           W47179         DBESt         1332046           AA035144         DBESt         1507314           AA127741         DBESt         856516           R99849         DBESt         986450           AA018457         DBESt         1481712           W86860         DBEST         1400589           R55367         DBEST         824662           H29620         DBEST         900530           H29771         DBEST         900681           R42685         DBEST         819630           AA055835         DBEST         819630           H10417         DBEST         83030           H10417         DBEST         875239           H23213         DBEST         891908           R70505         DBEST         844022           N62394         DBEST         82983           R39098         DBEST         796554           AA644088         DBEST         2569306           W73474         DBEST         823995           R73570         DBES	AA454022	DBEst	2167691
N38787         DBEST         1161994           R98487         DBEST         985004           W47179         DBEST         1332046           AA035144         DBEST         1507314           AA127741         DBEST         1687030           R80235         DBEST         856516           R99849         DBEST         986450           AA018457         DBEST         1481712           W86860         DBEST         1400589           R55367         DBEST         824662           H29620         DBEST         900530           H29771         DBEST         900681           R42685         DBEST         900681           R42685         DBEST         1548237           H16790         DBEST         830300           H10417         DBEST         875239           H23213         DBEST         891908           R70505         DBEST         844022           N62394         DBEST         1210223           H16743         DBEST         882983           R39098         DBEST         796554           AA644088         DBEST         2569306           W73474         DB	AA453470	DBEst	2167139
R98487         DBEST         985004           W47179         DBEST         1332046           AA035144         DBEST         1507314           AA127741         DBEST         1687030           R80235         DBEST         856516           R99849         DBEST         986450           AA018457         DBEST         1481712           W86860         DBEST         1400589           R55367         DBEST         824662           H29620         DBEST         900530           H29771         DBEST         900681           R42685         DBEST         819630           AA055835         DBEST         1548237           H16790         DBEST         883030           H10417         DBEST         875239           H23213         DBEST         891908           R70505         DBEST         844022           N62394         DBEST         1210223           H16743         DBEST         882983           R39098         DBEST         796554           AA644088         DBEST         2569306           W73474         DBEST         1383606           R44607	W84790	DBEst	1395910
W47179 DBEst 1332046 AA035144 DBEst 1507314 AA127741 DBEST 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 824662 H29620 DBEST 900530 H29771 DBEST 900681 R42685 DBEST 900681 R42685 DBEST 819630 AA055835 DBEST 819630 AA055835 DBEST 819630 H10417 DBEST 883030 H10417 DBEST 875239 H23213 DBEST 875239 H23213 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 1210223 H16743 DBEST 82983 R39098 DBEST 1210223 H16743 DBEST 882983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 823995 R73570 DBEST 823995	N38787	DBEst	1161994
AA035144 DBEst 1507314 AA127741 DBEst 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 824662 H29620 DBEST 900530 H29771 DBEST 900681 R42685 DBEST 900681 R42685 DBEST 819630 AA055835 DBEST 819630 AA055835 DBEST 83030 H10417 DBEST 875239 H23213 DBEST 875239 H23213 DBEST 875239 H23213 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 1210223 H16743 DBEST 882983 R39098 DBEST 1210223 H16743 DBEST 882983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 1383606 R44607 DBEST 823995 R73570 DBEST 823995	R98487	DBEst	985004
AA127741 DBEST 1687030 R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 824662 H29620 DBEST 900530 H29771 DBEST 900681 R42685 DBEST 819630 AA055835 DBEST 81548237 H16790 DBEST 875239 H10417 DBEST 875239 H23213 DBEST 875239 R70505 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 1210223 H16743 DBEST 82983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 823995 R73570 DBEST 823995	W47179	DBEst	1332046
R80235 DBEST 856516 R99849 DBEST 986450 AA018457 DBEST 1481712 W86860 DBEST 1400589 R55367 DBEST 900530 H29671 DBEST 900681 R42685 DBEST 819630 AA055835 DBEST 819630 AA055835 DBEST 81548237 H16790 DBEST 883030 H10417 DBEST 875239 H23213 DBEST 875239 H23213 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 844022 N62394 DBEST 82983 R39098 DBEST 796554 AA644088 DBEST 796554 AA644088 DBEST 1383606 W73474 DBEST 823995 R73570 DBEST 823995	AA035144	DBEst	1507314
R99849     DBEst     986450       AA018457     DBEst     1481712       W86860     DBEst     1400589       R55367     DBEst     824662       H29620     DBEst     900530       H29771     DBEst     900681       R42685     DBEst     819630       AA055835     DBEst     1548237       H16790     DBEst     83030       H10417     DBEst     875239       H23213     DBEst     891908       R70505     DBEst     844022       N62394     DBEst     1210223       H16743     DBEst     882983       R39098     DBEst     796554       AA644088     DBEst     2569306       W73474     DBEst     1383606       R44607     DBEst     823995       R73570     DBEst     847602	AA127741	DBEst	1687030
AA018457 DBEst 1481712 W86860 DBEst 1400589 R55367 DBEst 824662 H29620 DBEst 900530 H29771 DBEst 900681 R42685 DBEst 819630 AA055835 DBEst 1548237 H16790 DBEst 875239 H23213 DBEst 875239 H23213 DBEst 891908 R70505 DBEst 844022 N62394 DBEst 1210223 H16743 DBEst 82983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 1383606 R44607 DBEST 823995 R73570 DBEST 824962	R80235	DBEst	856516
W86860       DBEST       1400589         R55367       DBEST       824662         H29620       DBEST       900530         H29771       DBEST       900681         R42685       DBEST       819630         AA055835       DBEST       1548237         H16790       DBEST       83030         H10417       DBEST       875239         H23213       DBEST       891908         R70505       DBEST       844022         N62394       DBEST       1210223         H16743       DBEST       882983         R39098       DBEST       796554         AA644088       DBEST       2569306         W73474       DBEST       1383606         R44607       DBEST       823995         R73570       DBEST       847602	R99849	DBEst	986450
R55367 DBEst 824662 H29620 DBEst 900530 H29771 DBEst 900681 R42685 DBEst 819630 AA055835 DBEst 1548237 H16790 DBEst 883030 H10417 DBEst 875239 H23213 DBEst 891908 R70505 DBEst 844022 N62394 DBEst 1210223 H16743 DBEst 882983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 1383606 R44607 DBEST 823995 R73570 DBEST 847602	AA018457	DBEst	1481712
H29620       DBEst       900530         H29771       DBEst       900681         R42685       DBEst       819630         AA055835       DBEst       1548237         H16790       DBEst       883030         H10417       DBEst       875239         H23213       DBEst       891908         R70505       DBEst       844022         N62394       DBEst       1210223         H16743       DBEst       882983         R39098       DBEst       796554         AA644088       DBEst       2569306         W73474       DBEst       1383606         R44607       DBEst       823995         R73570       DBEst       847602	W86860	DBEst	1400589
H29771     DBEst     900681       R42685     DBEst     819630       AA055835     DBEst     1548237       H16790     DBEst     883030       H10417     DBEst     875239       H23213     DBEst     891908       R70505     DBEst     844022       N62394     DBEst     1210223       H16743     DBEst     882983       R39098     DBEst     796554       AA644088     DBEst     2569306       W73474     DBEst     1383606       R44607     DBEst     823995       R73570     DBEst     847602	R55367	DBEst	824662
R42685 DBEST 819630 AA055835 DBEST 1548237 H16790 DBEST 883030 H10417 DBEST 875239 H23213 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 1210223 H16743 DBEST 882983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 1383606 R44607 DBEST 823995 R73570 DBEST 847602	н29620	DBEst	900530
AA055835 DBEST 1548237 H16790 DBEST 883030 H10417 DBEST 875239 H23213 DBEST 891908 R70505 DBEST 844022 N62394 DBEST 1210223 H16743 DBEST 882983 R39098 DBEST 796554 AA644088 DBEST 2569306 W73474 DBEST 1383606 R44607 DBEST 823995 R73570 DBEST 847602	Н29771	DBEst	900681
H16790 DBEst 883030 H10417 DBEst 875239 H23213 DBEst 891908 R70505 DBEst 844022 N62394 DBEst 1210223 H16743 DBEst 882983 R39098 DBEst 796554 AA644088 DBEst 2569306 W73474 DBEst 1383606 R44607 DBEst 823995 R73570 DBEst 847602	R42685	DBEst	819630
H10417 DBEst 875239 H23213 DBEst 891908 R70505 DBEst 844022 N62394 DBEst 1210223 H16743 DBEst 882983 R39098 DBEst 796554 AA644088 DBEst 2569306 W73474 DBEst 1383606 R44607 DBEst 823995 R73570 DBEst 847602	AA055835	DBEst	1548237
H23213     DBEst     891908       R70505     DBEst     844022       N62394     DBEst     1210223       H16743     DBEst     882983       R39098     DBEst     796554       AA644088     DBEst     2569306       W73474     DBEst     1383606       R44607     DBEst     823995       R73570     DBEst     847602	н16790	DBEst	883030
R70505 DBEst 844022 N62394 DBEst 1210223 H16743 DBEst 882983 R39098 DBEst 796554 AA644088 DBEst 2569306 W73474 DBEst 1383606 R44607 DBEst 823995 R73570 DBEst 847602	H10417	DBEst	875239
N62394         DBEST         1210223           H16743         DBEST         882983           R39098         DBEST         796554           AA644088         DBEST         2569306           W73474         DBEST         1383606           R44607         DBEST         823995           R73570         DBEST         847602	н23213	DBEst	891908
H16743 DBEst 882983 R39098 DBEst 796554 AA644088 DBEst 2569306 W73474 DBEst 1383606 R44607 DBEst 823995 R73570 DBEst 847602	R70505	DBEst	844022
R39098 DBEst 796554 AA644088 DBEst 2569306 W73474 DBEst 1383606 R44607 DBEst B23995 R73570 DBEst 847602	N62394	DBEst	1210223
AA644088 DBEst 2569306 W73474 DBEst 1383606 R44607 DBEst B23995 R73570 DBEst 847602	н16743	DBEst	882983
W73474 DBEst 1383606 R44607 DBEst 823995 R73570 DBEst 847602	R39098	DBEst	796554
R44607 DBEst 823995 R73570 DBEst 847602	AA644088	DBEst	2569306
R73570 DBEst 847602	W73474	DBEst	1383606
R73570 DBEst 847602		DBEst	823995
AA485442 DBEst 2214661	R73570	DBEst	847602
	AA485442	DBEst	2214661

Page 50 of 89

TABLE 2A-1

		GT NDD
ACC NUM	DATABASE	GI NBR
AA669272	DBEst	2630771
н17551	DBEst	883791
R44707	DBEst	824086
AA679278	DBEst	2659800
H11012	DBEst	875832
H17051	DBEst	883291
R52641 ·	DBEst	814543
н09774	DBEst	874596
AA630800	DBEst	2553411
н09086	DBEst	873908
T40640	DBEst	648246
AA160498	DBEst	1735865
R38865	DBEst	796321
н17139	DBEst	883379
н29211	DBEst	900121
AA187938	DBEst	1774130
AA486418	DBEst	2216582
AA464935	DBEst	2189819
AA428239	DBEst	2111858
н24323	DBEst	893018
AA487462	DBEst	2217626
T54474	DBEst	656335
AA457235	DBEst	2179955
AA421273	DBEst	2100098
AA488332	DBEst	2215763
T48767	DBEst	650627
R15784	DBEst	768199
AA404273	DBEst	2058997
R43286	DBEst	821393
AA130596	DBEst	1692018
	DBEst	2216308
AA608560	DBEst	2456988
R20650	DBEst	775431
N62737	DBEst	1210566
N89753	DBEst	1443080
AA457723	DBEst	2180443
R02173	DBEst	751909
AA007522	DBEst	1463498
N71792	DBEst	1228504
W86195	DBEst	1398745
N26663	DBEst	1141011
W86387	DBEst	1398844
N67678	DBEst	1219803
AA455286	DBEst	2178062
N69044	DBEst	1225205
W92041	DBEst	1424425
N30316	DBEst	1148836
	DBEst	2189628
AA464744	DBEst	1629088
AA086471	DBEst	1225025
N68864	DBEst	2189836
AA464952	DBEst	1547598
AA055242		1119140
H98255	DBEst DBEst	1195715
N54395		2156726
AA444051	DBEst	1240529
N77828	DBEst	1640363

Page 51 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
W94063	DBEst	1423194
AA047190	DBEst	1525090
N27829	DBEst	1142310
W52190	DBEst	1349351
AA443121	DBEst	2155796
AA481745	DBEst	2211297
AA041254	DBEst	1517488
N66139	DBEst	1218264
N51499	DBEst	1192665
W90748	DBEst	1406714
AA002091	DBEst	1445707
N75473	DBEst	1238051
AA427715	DBEst	2112175
W86282	DBEst	1398720
N47717	DBEst	1188883
W49494	DBEst	1337942
AA644234	DBEst	2569452
AA176957	DBEst	1758115
Т72562	DBEst	689237
AA458838	DBEst	2183745
R15794	DBEst	768209
W56771	DBEst	1358637
AA677083	DBEst	2657605
R97710	DBEst	983370
AA629686	DBEst	2552297
T40541	DBEst	648161
H50114	DBEst	989955
н18950	DBEst	885190
R38878	DBEst	796334
AA131238	DBEst	1692765
н09616	DBEst	874438
AA683520	DBEst	2670118
H24020	DBEst	892715
AA419088	DBEst	2078816
н10709	DBEst	875560
H10228	DBEst	875050
AA056465	DBEst	1548805
н08796	DBEst	873618
R39804	DBEst	797260
H20826	DBEst	889521
AA053962	DBEst	1544888
R55809	DBEst	825884
AA487895	DBEst	2215326
R41972	DBEst	817667
R56045	DBEst	826151
R20670	DBEst	775451
AA101155	DBEst	1647922
H11895	DBEst	876715
AA158244	DBEst	1733039
H23524	DBEst	892219
AA190634	DBEst	1779747
AA505003	DBEst	2241163
AA400013	DBEst	2053754
R56134	DBEst	826240
AA121158	DBEst	1678701
H23230	DBEst	891925

Page 52 of 89

TABLE 2A-1

		GI NBR
ACC NUM	DATABASE	900108
н29198	DBEst	900108
н29265	DBEst	=
н29538	DBEst	900448 2229460
AA496139	DBEst	
н29285	DBEst	900195
N40554	DBEst	1164151
H10045	DBEst	874867
R44477	DBEst	823867
AA488341	DBEst	2215772
R38179	DBEst	795635
R58953	DBEst	829648
AA778675	DBEst	2838006
R43822	DBEst	821702
N26740	DBEst	1141088
н17024	DBEst	883264
н19343	DBEst	885583
W37808	DBEst	1319412
R44265	DBEst	820623
т49557	DBEst	651417
AA005329	DBEst	1447881
н67707	DBEst	1026447
N63628	DBEst	1211457
AA150417	DBEst	1721930
N64464	DBEst	1212293
н66708	DBEst	1025448
N64532	DBEst	1212361
R12386	DBEst	765462
N51291	DBEst	1192457
W56597	DBEst	1358522
AA025930	DBEst	1491429
N50845	DBEst	1192011
AA461529	DBEst	2185393
W67228	DBEst	1376097
н68938	DBEst	1030107
N66607	DBEst	1218732
R93401	DBEst	967567
W95480	DBEst	1425387
AA001604	DBEst	1445301
ท50056	DBEst	1191222
AA001841	DBEst	1445655
ท57551	DBEst	1201441
н82872	DBEst	1061542
AA701914	DBEst	2705027
R89317	DBEst	954144
AA011096	DBEst	1472124
н53703	DBEst	993850
AA458498	DBEst	2183405
AA152183	DBEst	1721235
W04674	DBEst	1277462
AA459658	DBEst	2184565
AA699361	DBEst	2702555
AA099386	DBEst	1645493
н95362	DBEst	1102995
N63260	DBEst	1211089
AA147641	DBEst	1717012
R01094	DBEst	750830

Page 53 of 89

TABLE 2A-1

		77 MP
ACC NUM	DATABASE	GI NBR 1721709
AA150198	DBEst	1332221
W47552	DBEst	1687288
AA128008	DBEst	
AA005108	DBEst	1448897
AA630094	DBEst	2552705
н58250	DBEst	1011082
N67487	DBEst	1219612
AA136052	DBEst	1697262
AA156793	DBEst	1728408
AA459937	DBEst	2184821
AA127017	DBEst	1687646
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AA128017	DBEst	1687297
AA427621	DBEst	2111454
N92478	DBEst	1264787
AA427522	DBEst	2112262
ห52379	DBEst	992220
AA630604	DBEst	2553215
AA152299	DBEst	1721499
AA155913	DBEst	1727531
AA131469	DBEst	1693092
R78521	DBEst	854802
T40725	DBEst	648320
н10030	DBEst	874852
н18956	DBEst	885196
н07920	DBEst	872742
T40927	DBEst	648510
Н18017	DBEst	884257
AA699427	DBEst	2702621
н10012	DBEst	874834
R70685	DBEst	844202
N48355	DBEst	1189521
T71991	DBEst	686512
AA291484	DBEst	1939505
R44949	DBEst .	824303
AA134871	DBEst	1695334
H22854	DBEst	891549
R37411	DBEst	794867
т61269	DBEst	664306
AA663981	DBEst	2617972
H08194	DBEst	873016
AA668959	DBEst	2630458
T61792	DBEst	665035
R44985	DBEst	824339 660612
T58775	DBEst	**
AA663986	DBEst	2617977
н10641	DBEst	875463
AA634109	DBEst	2557323
T68440	DBEst	679588
R42922	DBEst	819829
N93505	DBEst	1265814
AA626028	DBEst	2538415
N92901	DBEst	1265210
н11088	DBEst	875908
R54590	DBEst	816492
W72051	DBEst	1382321

Page 54 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA111969	DBEst	1664039
н15427	DBEst	880247
т62854	DBEst	666511
н17325	DBEst	883565
AA421819	DBEst	2100635
AA479795	DBEst	2205681
AA676453	DBEst	2656975
R43595	DBEst	821515
T68445	DBEst	679593
T74257	DBEst	690932
R37620	DBEst	795076
AA481769	DBEst	2211321
н10372	DBEst	875194
т49652	DBEst	651512
AA428182	DBEst	2111832
AA488391	DBEst	2215822
AA489324	DBEst	2218926
AA055656	DBEst	1547995
н15677	DBEst	880497
AA460722	DBEst	2185842
R38196	DBEst	795652
н10679	DBEst	875501
н73640	DBEst	1046508
AA460848	DBEst	2185968
AA156597	DBEst	1728342
AA598468	DBEst	2432051
R38543	DBEst	795999
н29783	DBEst	900693
AA179600	DBEst	1760986
AA457566	DBEst	2180286
R38613	DBEst	796069
AA416684	DBEst	2077689
R34297	DBEst	790155
R39179	DBEst	796635
R56870	DBEst	826976
н10072	DBEst	874894
AA421266	DBEst	2100091
н17463	DBEst	883703
N67366	DBEst	1219491
W04509	DBEst	1277288
ท70756	DBEst	1227336
ท93967	DBEst	1266276
AA446865	DBEst	2159530
н97366	DBEst	1118235
AA065042	DBEst	1558691
N32072	DBEst	1152471
AA053165	DBEst	1544374
N94488	DBEst	1266797
N32847	DBEst	1153246
W37683	DBEst	1319297
AA169202	DBEst	1748184
R08548	DBEst	768779
AA055404	DBEst	1547943
н98967	DBEst	1123635
N72113	DBEst	1229217
พ75055	DBEst	1237633

Page 55 of 89

TABLE 2A-1

AA608546 DBEST 2456974 AA425214 DBEST 2106122 N795490 DBEST 1267829 N70837 DBEST 1227417 N67305 DBEST 1219430 AA086005 DBEST 1629572 N80764 DBEST 1629572 AA608531 DBEST 2456959 AA400492 DBEST 2054363 N93197 DBEST 1265506 AA404286 DBEST 1267362 AA404286 DBEST 2059010 AA088438 DBEST 1633933 AA443698 DBEST 2156373 AA191548 DBEST 2156373 AA191548 DBEST 2054343 AA400422 DBEST 2054343 AA400422 DBEST 2156373 AA47934 DBEST 2156373 AA191548 DBEST 1780211 AA400422 DBEST 2054293 AA487934 DBEST 1645279 AA437094 DBEST 1665279 AA437094 DBEST 1516685 AA284112 DBEST 192858 H93318 DBEST 1256626 AA609485 DBEST 125261 AA609485 DBEST 125261 AA609485 DBEST 125561 AA609744 DBEST 2458172 T55340 DBEST 125261 AA609744 DBEST 2458172 T55340 DBEST 1257201 AA453420 DBEST 1257201 AA453420 DBEST 2458172 T55340 DBEST 1267089 H04795 DBEST 1267087 AA609585 DBEST 2458172 T55340 DBEST 2458177 TAA609585 DBEST 2458177 TAA609585 DBEST 2458177 TAA609585 DBEST 2458177 TAA609585 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 R45567 DBEST 2458013 R45567 DBEST 2458013 R45567 DBEST 1740362 AA453468 DBEST 2458013 R45567 DBEST 2458013 R45668 DBEST 2458013 R45567 DBEST 2458013 R45569 DBEST 2458013 R45609 DBEST 2458056 R46700 DBEST 2458056 R46700 DBEST 2458076 R40208 DBEST 2458076	ACC NUM	DATABASE	GI NBR
AA425214 DBEST 2106122 N95490 DBEST 1267829 N70837 DBEST 1227417 N67305 DBEST 1219430 AA086005 DBEST 1219430 AA086005 DBEST 1229572 N80764 DBEST 12456959 AA400492 DBEST 2456959 AA400492 DBEST 1267362 N93197 DBEST 1267362 N95073 DBEST 1267362 NA404286 DBEST 2059010 AA088438 DBEST 2059010 AA088438 DBEST 2156373 AA191548 DBEST 2054293 AA487934 DBEST 2054293 AA487934 DBEST 2054293 AA487934 DBEST 216685 AA101876 DBEST 212608 AA040389 DBEST 2156885 AA284112 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1928589 H93318 DBEST 2064157 AA461084 DBEST 2064157 AA461084 DBEST 1327496 TB8646 DBEST 1327496 TB8646 DBEST 1327496 TB8646 DBEST 1225261 AA609485 DBEST 1646877 N69100 DBEST 1225261 AA609744 DBEST 2457913 H12105 DBEST 876925 AA609749 DBEST 3668347 AA609749 DBEST 2458172 T55340 DBEST 367776 H12105 DBEST 367776 H12105 DBEST 367776 H12105 DBEST 367776 H32105 DBEST 367776 H32105 DBEST 3677776 H32105 DBEST 367776 H32105 DBEST 3677776 H32105 DBEST 367776 H32105 DBEST 3677776 H32105 DBEST 36777776			
N95490 DBEST 1267829 N70837 DBEST 1227417 N67305 DBEST 1227417 N67305 DBEST 1229430 AA086005 DBEST 1629572 N80764 DBEST 1629577 N80764 DBEST 1243465 AA608531 DBEST 2456959 AA400492 DBEST 2054363 N93197 DBEST 1265506 N95073 DBEST 1267362 AA404286 DBEST 1267362 AA404286 DBEST 1267362 AA404286 DBEST 1633933 AA443698 DBEST 1633933 AA443698 DBEST 1780211 AA4019546 DBEST 2054293 AA487934 DBEST 2054293 AA487934 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1928589 AA406048 DBEST 2064157 AA461084 DBEST 2064157 AA461084 DBEST 12127496 TBST 126607 N69100 DBEST 1225261 AA609485 DBEST 1646877 N69100 DBEST 1646877 N69100 DBEST 1225261 AA609744 DBEST 2457913 BBEST 2457913 BBEST 2457913 AA609749 DBEST 2458172 T55340 DBEST 2458173 T55236 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2458173 T55236 DBEST 2458013 R59580 DBEST			2106122
N70837 DBEST 1227417 N67305 DBEST 1219430 AA086005 DBEST 1629572 N80764 DBEST 1243465 AA608531 DBEST 2456959 AA400492 DBEST 2054363 N93197 DBEST 1267362 AA004286 DBEST 2059010 AA088438 DBEST 2156373 AA419548 DBEST 2156373 AA191548 DBEST 2156373 AA4191548 DBEST 2054293 AA487934 DBEST 2054293 AA487934 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1516685 AA284112 DBEST 192858 AA284112 DBEST 192858 AA406048 DBEST 2064157 AA406048 DBEST 2136476 TBST 13646 DBEST 1327496 TB3646 DBEST 1327496 TB3646 DBEST 1225261 AA609485 DBEST 1225261 AA609485 DBEST 245913 R31933 DBEST 2458177 AA609749 DBEST 2458177 AA609749 DBEST 2458177 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 2458013 R45567 DBEST 2458013 R59580 DBE			1267829
AA086005 DBEST 1629572 N80764 DBEST 1243465 AA608531 DBEST 2456959 AA400492 DBEST 2054363 N93197 DBEST 1265506 N95073 DBEST 1267362 AA404286 DBEST 1267362 AA404286 DBEST 126373 AA191548 DBEST 156373 AA191548 DBEST 1780211 AA400422 DBEST 2215365 AA101876 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1928589 H93318 DBEST 1099646 AA406048 DBEST 2186204 W42996 DBEST 1286204 W42996 DBEST 1225261 AA609485 DBEST 1225261 AA609485 DBEST 1225261 AA609744 DBEST 2458177 T55340 DBEST 2458177 T55340 DBEST 2458172 T55340 DBEST 2458173 AA609585 DBEST 2458174 T55340 DBEST 2458174 T55340 DBEST 2458177 AA609585 DBEST 2458013 R95580 DBEST 2458013 R95580 DBEST 2458013 R95580 DBEST 2458013 R95580 DBEST 2458013 R45567 DBEST 2458013 R45699 DBEST 2458056 R45700 DBEST 2458056 R46700 DBEST 2458056			1227417
AA086005 DBEST 1629572 N80764 DBEST 1243465 AA608531 DBEST 2456959 AA400492 DBEST 2054363 N93197 DBEST 1265506 N95073 DBEST 1267362 AA404286 DBEST 1267362 AA404286 DBEST 1263933 AA443698 DBEST 1633933 AA443698 DBEST 1780211 AA400422 DBEST 1780211 AA400422 DBEST 1780211 AA400422 DBEST 1645279 AA437094 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1998589 H3318 DBEST 1099646 AA406048 DBEST 1099646 AA406048 DBEST 1225261 AA609485 DBEST 1225261 AA609485 DBEST 1225261 AA609744 DBEST 1225261 AA609744 DBEST 2458172 T55340 DBEST 166877 N69100 DBEST 1225261 AA609744 DBEST 2458172 T55340 DBEST 167079 AA609749 DBEST 167089 AA609749 DBEST 167089 AA609749 DBEST 167089 AA609749 DBEST 167089 AA609599 DBEST 1225266 AA609599 DBEST 1226783 AA609599 DBEST 1734167 T55236 DBEST 1734167 T55437 DBEST 1734167 T55236 DBEST 1734167 T55437 DBEST 1734167 T55236 DBEST 1734167 T55347 DBEST 1734167 T55236 DBEST 1734167 T55236 DBEST 1734167 T55237 DBEST 1734167 T55236 DBEST 1734167 T57236 DBEST 1747904 AA609648 DBEST 1747904		DBEst	1219430
N80764		DBEst	1629572
AA400492 DBEST 2054363 N93197 DBEST 1265506 N95073 DBEST 1267362 AA404286 DBEST 2059010 AA088438 DBEST 1633933 AA443698 DBEST 1780211 AA400422 DBEST 2156373 AA191548 DBEST 215365 AA101876 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1099646 AA406048 DBEST 2186204 W42996 DBEST 1327496 T83646 DBEST 152561 AA100595 DBEST 152561 AA609485 DBEST 2457913 R31933 DBEST 2457913 R31933 DBEST 245817 R453420 DBEST 267788 AA609744 DBEST 267789 AA609749 DBEST 267789 AA609749 DBEST 267789 AA609585 DBEST 267789 N70203 DBEST 245817 AA609585 DBEST 245817 R59580 DBEST 2458076 R70203 DBEST 2458075 R70203 DBEST 2458075 R755236 DBEST 2177444 R444950 DBEST 2177444 R45292 DBEST 2177444 R45292 DBEST 2177444 R45292 DBEST 2177444 R45292 DBEST 227883 AA165116 DBEST 227883 AA165010 DBEST 227883 AA165010 DBEST 227883 AA165000 DBEST 227883 AA195000 DBEST 1747904 AA609648 DBEST 1747904		DBEst	1243465
N93197 DBEST 1265506 N95073 DBEST 1267362 AA404286 DBEST 2059010 AA088438 DBEST 1633933 AA443698 DBEST 1780211 AA400422 DBEST 2054293 AA487934 DBEST 2215365 AA101876 DBEST 1645279 AA37094 DBEST 2142008 AA040389 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 2064157 AA461084 DBEST 2186204 W42996 DBEST 1327496 T83646 DBEST 1327496 T83646 DBEST 1646877 N69100 DBEST 1646877 N69100 DBEST 125261 AA609485 DBEST 2457913 R31933 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2458172 TA609744 DBEST 2458172 T55340 DBEST 2458172 TA609749 DBEST 2458172 AA609749 DBEST 2458172 AA609585 DBEST 2458172 AA609585 DBEST 2458172 AA609585 DBEST 2458177 AA609585 DBEST 2458177 AA609585 DBEST 2458177 AA609599 DBEST 2458013 R59580 DBEST 2458013 R45667 DBEST 2458013 R45667 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA42668 DBEST 2177444 R45292 DBEST 2177444 R45292 DBEST 227883 AA165116 DBEST 2458056 R46700 DBEST 2458056 R46700 DBEST 2458056 R46700 DBEST 2458076 AA4609648 DBEST 1747904 AA609648 DBEST 1747904	AA608531	DBEst	2456959
N95073 DBEST 1267362 AA404286 DBEST 2059010 AA088438 DBEST 1633933 AA443698 DBEST 1780211 AA400422 DBEST 2054293 AA487934 DBEST 2215365 AA101876 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1928589 AA284112 DBEST 1099646 AA406048 DBEST 2064157 AA461084 DBEST 1327496 T83646 DBEST 1327496 T83646 DBEST 1225261 AA609485 DBEST 1225261 AA609485 DBEST 2457913 R31933 DBEST 2457913 R31933 DBEST 2457913 R31933 DBEST 2457913 R31934 DBEST 2458172 T55340 DBEST 2458173 AA609749 DBEST 2458013 R59580 DBEST 2458013 R45667 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA453420 DBEST 2458027 AA453420 DBEST 2458027 AA609599 DBEST 2458027 AA609599 DBEST 2458027 AA609599 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA453420 DBEST 2458027 AA453420 DBEST 2458027 AA4609589 DBEST 2458027 AA4609589 DBEST 2458027 AA4609589 DBEST 2458027 AA4609648 DBEST 2458056 R46700 DBEST 227883 AA195002 DBEST 1784704 AA609648 DBEST 1747904	AA400492	DBEst	2054363
AA404286 DBEST 2059010 AA088438 DBEST 1633933 AA443698 DBEST 2156373 AA191548 DBEST 1780211 AA400422 DBEST 2054293 AA487934 DBEST 2215365 AA101876 DBEST 1645279 AA437094 DBEST 2142008 AA040389 DBEST 1928589 H93318 DBEST 1928589 H93318 DBEST 2064157 AA461084 DBEST 2064157 AA461084 DBEST 1327496 T83646 DBEST 1327496 T83646 DBEST 1252661 AA609485 DBEST 1252661 AA609485 DBEST 2457913 R31933 DBEST 2457913 R31933 DBEST 2458172 T55340 DBEST 2458173 AA609749 DBEST 2458073 AA609749 DBEST 2458073 AA609749 DBEST 2458073 TS5236 DBEST 2458013 TS5236 DBEST 2458013 TS5236 DBEST 2458027 AA424950 DBEST 226783 AA609599 DBEST 226783 AA609648 DBEST 2458056 R46700 DBEST 227883 AA195002 DBEST 227883 AA195002 DBEST 1784704 AA609648 DBEST 1747904	N93197	DBEst	1265506
AA088438 DBEST 1633933 AA443698 DBEST 2156373 AA191548 DBEST 2054293 AA487934 DBEST 2215365 AA101876 DBEST 1645279 AA437094 DBEST 1516685 AA2040389 DBEST 1596685 AA2084112 DBEST 1099646 AA406048 DBEST 2064157 AA461084 DBEST 2186204 W42996 DBEST 1327496 T83646 DBEST 1646877 N69100 DBEST 1225261 AA609485 DBEST 1225261 AA609485 DBEST 37776 H12105 DBEST 37776 H12105 DBEST 376925 AA609744 DBEST 376925 AA609744 DBEST 376925 AA609749 DBEST 368347 AA609749 DBEST 368347 AA609749 DBEST 368347 AA609585 DBEST 368347 AA609599 DBEST 325780 AA5360 DBEST 32578 N70203 DBEST 32578 AA609599 DBEST 32578 AA609599 DBEST 32578 AA609599 DBEST 32578 AA59356 DBEST 3734167 T55437 DBEST 3734167 T55437 DBEST 37444 AA54668 DBEST 374444 AA54668 DBEST 374444 AA54668 DBEST 374444 AA54668 DBEST 3747444 AA54668 DBEST 374704 AA609648 DBEST 3747904	N95073	DBEst	1267362
AA443698 DBEST 2156373 AA191548 DBEST 1780211 AA400422 DBEST 2054293 AA487934 DBEST 2142008 AA101876 DBEST 1645279 AA37094 DBEST 1516685 AA284112 DBEST 1928589 AA284112 DBEST 1099646 AA406048 DBEST 2064157 AA461084 DBEST 1327496 T83646 DBEST 1327496 T83646 DBEST 1225261 AA609485 DBEST 1225261 AA609485 DBEST 37776 H12105 DBEST 376925 AA609744 DBEST 376925 AA609749 DBEST 368347 AA609749 DBEST 368347 AA609749 DBEST 368347 AA609599 DBEST 368347 AA609599 DBEST 326783 AA609599 DBEST 3275 AA609599 DBEST 326783 AA609599 DBEST 3275 AA609599 DBEST 3275 AA609599 DBEST 3277444 AA69586 DBEST 374167 T55236 DBEST 374167 T55437 DBEST 32781 AA69599 DBEST 3277444 AA69688 DBEST 374467 AA69628 DBEST 32781 AA69628 DBEST 327843 AA195002 DBEST 322783 AA195002 DBEST 322783 AA195002 DBEST 322787 AA609648 DBEST 3747904	AA404286	DBEst	2059010
AA191548 DBEST 1780211 AA400422 DBEST 2054293 AA487934 DBEST 2215365 AA101876 DBEST 1645279 AA437094 DBEST 2142008 AA040389 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 2064157 AA461084 DBEST 2186204 W42996 DBEST 1327496 T83646 DBEST 1327496 T83646 DBEST 1225261 AA609485 DBEST 1225261 AA609485 DBEST 37776 H12105 DBEST 37776 H12105 DBEST 37776 H12105 DBEST 37776 H12105 DBEST 367925 AA609744 DBEST 367925 AA609749 DBEST 3167089 H04795 DBEST 367201 AA453420 DBEST 367201 AA453420 DBEST 367201 AA609585 DBEST 3676925 AA609749 DBEST 367201 AA609749 DBEST 367201 AA609585 DBEST 367201 AA609585 DBEST 367307 N70203 DBEST 367201 R59580 DBEST 367201 R59580 DBEST 367201 R59580 DBEST 367201 R59580 DBEST 32458013 R59580 DBEST 32458013 R59580 DBEST 32458013 R59580 DBEST 32458027 AA609599 DBEST 32458027 AA609599 DBEST 32458027 AA609599 DBEST 32781 T55236 DBEST 32781	AA088438	DBEst	1633933
AA400422 DBEST 2054293 AA487934 DBEST 2215365 AA101876 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1099646 AA406048 DBEST 2064157 AA461084 DBEST 2186204 W42996 DBEST 1327496 T83646 DBEST 1646877 N69100 DBEST 1625261 AA609485 DBEST 2457913 R31933 DBEST 37776 H12105 DBEST 37776 H12105 DBEST 37776 H12105 DBEST 376925 AA609744 DBEST 376925 AA609749 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2458172 AA609749 DBEST 2458172 AA609749 DBEST 2458172 AA609585 DBEST 2458013 R59580 DBEST 368347 AA609585 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 326783 AA609599 DBEST 326783 AA609599 DBEST 326783 AA609599 DBEST 32781 T55236 DBEST 323781 T55236 DBEST 32458017 T55437 DBEST 323781 T55236 DBEST 32458027 AA159356 DBEST 32458027 AA159356 DBEST 3277444 AA54668 DBEST 374167 T55437 DBEST 3277444 AA54668 DBEST 3277444 AA54668 DBEST 327883 AA195002 DBEST 322667 N71303 DBEST 322667 N71303 DBEST 3227883 AA195002 DBEST 3227883 AA19500488 DBEST 32458076	AA443698	DBEst	2156373
AA487934 DBEST 1645279 AA437094 DBEST 1645279 AA437094 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1099646 AA406048 DBEST 2064157 AA461084 DBEST 2186204 W42996 DBEST 1327496 T83646 DBEST 1646877 N69100 DBEST 1225261 AA609485 DBEST 2457913 R31933 DBEST 2457913 R31933 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2458172 AA609749 DBEST 2458172 AA609749 DBEST 2458177 AA609585 DBEST 2458177 AA609599 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458017 AA609599 DBEST 2458027 AA16916 DBEST 2458027 AA16916 DBEST 2177444 R45292 DBEST 1734167 T55437 DBEST 1734167 T55437 DBEST 2177444 R45292 DBEST 2177444 R45294 DBEST 2177444 R45294 DBEST 21774904 RA609648 DBEST 2458076	AA191548	DBEst	1780211
AA101876 AA437094 AA437094 DBEST AA437094 DBEST AA040389 DBEST AA284112 DBEST	AA400422	DBEst	2054293
AA437094 DBEST 1516685 AA040389 DBEST 1516685 AA284112 DBEST 1928589 H93318 DBEST 1099646 AA406048 DBEST 2064157 AA461084 DBEST 1327496 T83646 DBEST 1327496 T83646 DBEST 1646877 N69100 DBEST 1225261 AA609485 DBEST 2457913 R31933 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 2458172 AA609749 DBEST 2458172 AA609749 DBEST 2458173 AA609749 DBEST 2458173 AA609585 DBEST 2458013 AA609599 DBEST 2458013 AA609599 DBEST 2458013 AA609599 DBEST 2458027 AA424950 DBEST 2458027 AA454668 DBEST 1734167 T55437 DBEST 1734167 T57437 DBEST 1734167 T57444 T57444 DBEST 1747904 TA7904	AA487934	DBEst	2215365
AA040389  AA284112  DBEST  AA284112  DBEST  H93318  DBEST  AA406048  AA406048  DBEST  AA461084  DBEST  T327496  T83646  DBEST  AA100595  DBEST  AA609485  DBEST  R31933  DBEST  T831933  DBEST  T837776  H12105  DBEST  AA609744  DBEST  T55340  DBEST  DBEST  AA609749  DBEST  AA609749  DBEST  AA609749  DBEST  AA609585  DBEST  R59580  DBEST  R7976  N70203  DBEST  AA609599  DBEST  AA609599  DBEST  AA609599  DBEST  AA609599  DBEST  AA609599  AA424950  DBEST  AA59668  DBEST  AA6068  DBEST  AA60668  DBEST  AA609628  DBEST  AA609628  DBEST  AA609628  DBEST  AA609648	AA101876	DBEst	1645279
AA284112 DBEST 1928589 H93318 DBEST 1099646 AA406048 DBEST 2064157 AA461084 DBEST 2186204 W42996 DBEST 1327496 T83646 DBEST 711934 AA100595 DBEST 1646877 N69100 DBEST 1225261 AA609485 DBEST 2457913 R31933 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2167089 H04795 DBEST 2167089 H04795 DBEST 2458172 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1734167 T55437 DBEST 1734167 T55437 DBEST 227883 AA195002 DBEST 17277883 AA195002 DBEST 17277883 AA195002 DBEST 1727784 AA609648 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	AA437094	DBEst	2142008
H93318 AA406048 AA406048 DBEST AA461084 W42996 DBEST T83646 DBEST AA69100 DBEST AA699485 DBEST AA609485 DBEST AA609744 DBEST DBEST AA609749 DBEST AA609749 DBEST AA609749 DBEST AA609785 DBEST BBEST AA609789 DBEST AA609585 DBEST AA609599 DBEST AA19306 DBEST AA193002 DBEST AA193002 DBEST AA193002 DBEST AA193002 DBEST AA193002 DBEST AA169498 DBEST AA169498 DBEST AA609648 DBEST AA39004	AA040389	DBEst	1516685
AA406048 AA406048 AA461084 DBEST AA461084 DBEST AA461084 DBEST DBEST T327496 T83646 DBEST T11934 AA100595 DBEST R31900 DBEST R31933 DBEST R31933 DBEST R31933 DBEST R31934 DBEST R31935 DBEST R3776 H12105 DBEST R3646 DBEST R37776 H12105 DBEST R3776 DBEST R31933 DBEST R376925 AA609744 DBEST R368347 DBEST R376925 AA609744 DBEST R368347 DBEST R59340 DBEST R59340 DBEST R59580 DBEST R59580 DBEST R59580 DBEST R59580 DBEST R59580 DBEST R59580 DBEST R30275 N70203 DBEST R45067 DBEST DBEST R45027 AA424950 DBEST R45936 DBEST R59366 DBEST R59366 DBEST R59366 DBEST R459356 DBEST R59366 DBEST R459356 DBEST R57097 AA159356 DBEST R57298 AA165116 DBEST R45292 DBEST R4609628 DBEST R46700 DBEST R46700 DBEST R46700 DBEST R46700 DBEST R46700 DBEST R46704 DBEST R4704 R49144 DBEST R4794 AA609648 DBEST R47904 AA609648 DBEST R47804	AA284112	DBEst	1928589
AA461084 DBEST 1327496 T83646 DBEST 1327496 T83646 DBEST 711934 AA100595 DBEST 1646877 N69100 DBEST 1225261 AA609485 DBEST 787776 H12105 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 2167089 H04795 DBEST 2458177 AA609749 DBEST 2458177 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 226783 AA609599 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2458027 AA159356 DBEST 2458027 AA159356 DBEST 3226783 AA609688 DBEST 322678 AA609688 DBEST 2458067 AA159300 DBEST 322667 AA159300 DBEST 3226783 AA195002 DBEST 322151 AA609648 DBEST 3227883 AA195002 DBEST 32458076	н93318	DBEst	1099646
W42996 DBEST 1327496 T83646 DBEST 711934 AA100595 DBEST 1646877 N69100 DBEST 1225261 AA609485 DBEST 2457913 R31933 DBEST 787776 H12105 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2167089 H04795 DBEST 868347 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458027 AA424950 DBEST 226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 2458027 T55236 DBEST 2458027 AA159356 DBEST 2107038 R45567 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 1734167 T55437 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 1740362 AA454668 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 1227883 AA195002 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 172784704 AA609648 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	AA406048	DBEst	2064157
T83646 DBEST 711934 AA100595 DBEST 1646877 N69100 DBEST 1225261 AA609485 DBEST 2457913 R31933 DBEST 787776 H12105 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 657201 AA453420 DBEST 2167089 H04795 DBEST 2458177 AA609585 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458027 AA609599 DBEST 2458027 AA609599 DBEST 2458027 AA609599 DBEST 2458027 AA609590 DBEST 2107038 R45567 DBEST 2107038 R45568 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 1727883 AA195002 DBEST 1784704 AA609648 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	AA461084	DBEst	2186204
AA100595  AA100595  DBEST  N69100  DBEST  AA609485  DBEST  R31933  DBEST  H12105  DBEST  AA609744  DBEST  T55340  DBEST  AA63420  DBEST  AA609749  DBEST  AA609749  DBEST  AA609585  DBEST  R59580  DBEST  R59580  DBEST  AA609599  DBEST  AA609599  DBEST  AA609599  DBEST  AA609599  DBEST  AA609599  DBEST  AA159356  DBEST  DBEST  AA159356  DBEST  AA165116  DBEST  AA165116  DBEST  AA454668  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA16709  AA159062  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA165116  DBEST  AA16709  ABEST  AA169498  DBEST  AA195002  DBEST  AA195002  DBEST  AA169498  DBEST  AA609648	W42996	DBEst	1327496
N69100 DBEST 1225261 AA609485 DBEST 2457913 R31933 DBEST 787776 H12105 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 2167089 H04795 DBEST 2167089 H04795 DBEST 2458177 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 30275 N70203 DBEST 30275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 823781 T55236 DBEST 1734167 T55437 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 1740362 AA454668 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 174904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	T83646	DBEst	711934
AA609485 DBEST 2457913 R31933 DBEST 787776 H12105 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 2167089 H04795 DBEST 2167089 H04795 DBEST 2458177 AA609749 DBEST 2458013 R59580 DBEST 2458013 R59580 DBEST 2458013 AA609599 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 823781 T55236 DBEST 1734167 T55437 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 1734167 T55437 DBEST 2177446 R45292 DBEST 2177444 R45292 DBEST 227883 AA609628 DBEST 2277883 AA195002 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	AA100595	DBEst	1646877
R31933 DBEST 787776 H12105 DBEST 876925 AA609744 DBEST 2458172 T55340 DBEST 2167089 H04795 DBEST 868347 AA609749 DBEST 24580177 AA609585 DBEST 2458013 R59580 DBEST 30275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 323781 T55236 DBEST 323781 T55236 DBEST 657097 AA159356 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1734167 T55437 DBEST 1734167 T55437 DBEST 2177444 R45292 DBEST 2177444 R45292 DBEST 227883 AA609628 DBEST 2458056 R46700 DBEST 322667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	N69100	DBEst	1225261
H12105 DBEST 2458172 T55340 DBEST 2458172 T55340 DBEST 2167089 H04795 DBEST 2458177 AA609749 DBEST 2458013 R59580 DBEST 330275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 1784704 AA609648 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	AA609485	DBEst	2457913
AA609744 DBEST 2458172 T55340 DBEST 657201 AA453420 DBEST 2167089 H04795 DBEST 868347 AA609749 DBEST 2458013 R59580 DBEST 830275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 1784704 AA609648 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	R31933	DBEst	
T55340 DBEST 657201 AA453420 DBEST 2167089 H04795 DBEST 868347 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 1226783 AA609599 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2458027 AA424950 DBEST 2107038 R5567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA609648 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 1747904	н12105	<b>DBE</b> st	
AA453420 DBEST 2167089 H04795 DBEST 868347 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R5567 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 2458056 R46700 DBEST 1227883 AA195002 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA609648 DBEST 1747904 AA609648 DBEST 1747904	AA609744	DBEst	
H04795 DBEST 868347 AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 330275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 2177444 R45292 DBEST 322151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA609648 DBEST 1747904 AA609648 DBEST 1747904	T55340	DBEst	
AA609749 DBEST 2458177 AA609585 DBEST 2458013 R59580 DBEST 830275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA609648 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 2458076	AA453420	DBEst	
AA609585 DBEST 2458013 R59580 DBEST 830275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 1747904	н04795	DBEst	
R59580 DBEST 830275 N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 1747904	AA609749	DBEst	
N70203 DBEST 1226783 AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 2458076	AA609585	DBEst	
AA609599 DBEST 2458027 AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 2458056 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 1747904 AA609648 DBEST 2458076	R59580	DBEst	
AA424950 DBEST 2107038 R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 2458076	N70203	DBEst	_
R45567 DBEST 823781 T55236 DBEST 657097 AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 2458076	AA609599	DBEst	
T55236 DBEst 657097 AA159356 DBEst 1734167 T55437 DBEst 657298 AA165116 DBEst 1740362 AA454668 DBEst 2177444 R45292 DBEst 822151 AA609628 DBEst 2458056 R46700 DBEst 822667 N71303 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 2458076			
AA159356 DBEST 1734167 T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 2458076	R45567		
T55437 DBEST 657298 AA165116 DBEST 1740362 AA454668 DBEST 2177444 R45292 DBEST 822151 AA609628 DBEST 2458056 R46700 DBEST 822667 N71303 DBEST 1227883 AA195002 DBEST 1784704 R49144 DBEST 820212 AA169498 DBEST 1747904 AA609648 DBEST 2458076			
AA165116 DBEst 1740362 AA454668 DBEst 2177444 R45292 DBEst 822151 AA609628 DBEst 2458056 R46700 DBEst 822667 N71303 DBEst 1227883 AA195002 DBEst 1784704 R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076			
AA454668 DBEst 2177444 R45292 DBEst 822151 AA609628 DBEst 2458056 R46700 DBEst 822667 N71303 DBEst 1227883 AA195002 DBEst 1784704 R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076			
R45292 DBEst 822151 AA609628 DBEst 2458056 R46700 DBEst 822667 N71303 DBEst 1227883 AA195002 DBEst 1784704 R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076			
AA609628 DBEst 2458056 R46700 DBEst 822667 N71303 DBEst 1227883 AA195002 DBEst 1784704 R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076	AA454668		
R46700 DBEst 822667 N71303 DBEst 1227883 AA195002 DBEst 1784704 R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076	R45292		
N71303 DBEst 1227883 AA195002 DBEst 1784704 R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076			
AA195002 DBEst 1784704 R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076			
R49144 DBEst 820212 AA169498 DBEst 1747904 AA609648 DBEst 2458076			
AA169498 DBEst 1747904 AA609648 DBEst 2458076			
AA609648 DBEst 2458076			
141003010			
R40208 DBEST 820854			
	R40208	DBEST	820854

Page 56 of 89

TABLE 2A-1

200 200	72M2D2CF	GI NBR
ACC NUM	DATABASE	1747976
AA169535	DBEst	2458123
AA609695	DBEst	1784685
AA194983	DBEst	813406
R51504	DBEst	821450
R43521	DBEst	
AA417950	DBEst	2079769
AA417956	DBEst	2079775
N47312	DBEst	1188478
AA417982	DBEst	2079801
R51305	DBEst	813207
н04828	DBEst	868380
N31585	DBEst	1151984
AA888148	DBEst	3003823
н05089	DBEst	868641
AA450336	DBEst	2162881
н05939	DBEst	869491
AA449444	DBEst	2162835
AA410298	DBEst	2069259
R51836	DBEst	813738
AA418728	DBEst	2080529
Н06154	DBEst	869706
R51871	DBEst	813773
AA878576	DBEst	2987541
AA418743	DBEst	2080544
W93106	DBEst	1422268
AA401376	DBEst	2053584
N47961	DBEst	1189127
W67193	DBEst	1376083
AA149051	DBEst	1719459
AA172188	DBEst	1751265
N48181	DBEst	1189347
W68266	DBEst	1377136
AA159600	DBEst	1741809
AA620458	DBEst	2524397
W69435	DBEst	1378697
AA136551	DBEst	1697761
w69774	DBEst	1379032
W94247	DBEst	1423388
AA457570	DBEst	2180290
AA150459	DBEst	1721990
н89293	DBEst	1071553
AA454016	DBEst	2167685
W46632	DBEst	1331260
N54783	DBEst	1196103
N71463	DBEst	1228175
N63696	DBEst	1211525
AA173430	DBEst	1753559
AA487241	DBEst	2217405
AA423978	DBEst	2102939
W60283	DBEst	1367042
AA158234	DBEst	1733029
AA024604	DBEst	1489509
AA598779	DBEst	2432451
AA181646	DBEst	1765113
AA160780	DBEst	1736147
AA436009	DBEst	2140923

Page 57 of 89

WO 01/18542 264

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
H66005	DBEst	1024745
AA159962	DBESt	1734453
AA425665	DBEst	2106385
AA187641	DBEst	1773895
AA453598	DBEst	2167267
W72749	DBEst	1382727
AA429804	DBEst	2113028
T99719	DBEst	749456
AA436456	DBEst	2141370
AA456975	DBEst	2179695
AA432121	DBEst	2114509
AA448637	DBEst	2162307
N23599	DBEst	1137749
R10099	DBEst	762055
R91949	DBEst	959489
AA608532	DBEst	2456960
N23867	DBEst	1138017
AA431736	DBEst	2115444
R06618	DBEst	757238
н06195	DBEst	869747
AA400710	DBEst	2054581
AA461486	DBEst	2185350
R45592	DBEst	823805
AA609364	DBEst	2457792
AA868929	DBEst	2964374
AA455933	DBEst	2178709
R42182	DBEst	820573
N24966	DBEst	1139116
AA454085	DBEst	2167754
AA455934	DBEst	2178710
N25578	DBEst	1139926
AA454854	DBEst	2177630
AA450020	DBEst	2163770
AA877618	DBEst	2986583
R41911	DBEst	817610
AA877845	DBEst	2986810
N71982	DBEst	1228694
AA453028	DBEst	2166697
AA877255	DBEst	2986332
AA877669	DBEst	2986634
R39325	DBEst	796781
N32604	DBEst	1153003
AA253464	DBEst	1885639
AA458648	DBEst	2183555
R42864	DBEst	819774
AA190871	DBEst	1779391
N39229	DBEst	1162436
AA454982	DBEst	2177758
AA236798	DBEst	1860818
R42871	DBEst	819781
N63575	DBEst	1211404
N72288	DBEst	1229392
N72300	DBEst	1229404
N98513	DBEst	1269938
AA191336	DBEst	1780158
AA190313	DBEst	1779023

Page 58 of 89

TABLE 2A-1

		67 IMB
ACC NUM	DATABASE	GI NBR
N74106	DBEst	1231391
AA599104	DBEst	2432729
AA486183	DBEst	2216399
N74958	DBEst	1237504
N34895	DBEst	1156037 1379642
W70342	DBEst	1781657
AA192435	DBEst	1049788
H75776	DBEst	2525140
AA621201	DBEst	1757597
AA176413	DBEst DBEst	2064191
AA406210		2211341
AA481789	DBEst DBEst	1014843
н62011	DBESt	2204410
AA479928	DBESt	1024572
н65832		2211281
AA481729	DBEst DBEst	1057088
н78999	DBESt	2217691
AA487527		1406095
W90105	DBEst	1059172
H81083	DBEst	2063691
AA405690	DBEst DBEst	1040369
H70163		2220675
AA489791	DBEst	2220710
AA489826	DBEst DBEst	1421890
W92738	DBESt	2220715
AA489840	DBESt	1188374
N47208	DBESt	2220923
AA490048	DBEst	868643
H05091 AA169379	DBESt	1748319
AA406231	DBEst	2064373
N73477	DBEst	1230762
N73571	DBEst	1230856
R15832	DBEst	768247
N73807	DBEst	1231092
AA456289	DBEst	2179499
N48698	DBEst	1189864
R43017	DBEst	820079
N73846	DBEst	1231131
AA609861	DBEst	2458289
н96229	DBEst	1109371
AA447692	DBEst	2161362
R49645	DBEst	825175
N74042	DBEst	1231327
н06508	DBEst	870040
N76101	DBEst	1238679
AA219033	DBEst	1833125
AA398264	DBEst	2051373
R60170	DBEst	830865
R60328	DBEst	831023
AA878880	DBEst	2987845
AA449329	DBEst	2163178
AA410190	DBEst	2069286
R52347	DBEst	814249
AA757351	DBEst	2805214
AA844124	DBEst	2930575

Page 59 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA398112	DBEst	2051221
R54444	DBEst	816346
AA449332	DBEst	2163181
H06525	DBEst	870057
R51361	DBEst	813263
н06377	DBEst	869929
AA855158	DBEst	2942696
н06385	DBEst	869937
AA844447	DBEst	2930898
R51186	DBEst	813088
н11968	DBEst	876788
н11987	DBEst	876807
R51631	DBEst	813533
н11760	DBEst	876580
AA418747	DBEst	2080639
AA449686	DBEst	2163436
AA397918	DBEst	2051259
H11631	DBEst	876451
AA890663	DBEst	3017542
N56888	DBEst	1200778
W70242	DBEst	1379511
W94363	DBEst	1423494
N62817	DBEst	1210646
W70264	DBEst	1379553
AA062985	DBEst	1557637
W94620	DBEst	1423742
N62969	DBEst	1210798
AA463206	DBEst	2188090
W95106	DBEst	1424224
AA486427	DBEst	2216591
AA160692	DBEst	1736258
AA425700	DBEst	2106420
AA425749	DBEst	2106451
AA453623	DBEst	2167292
AA102223	DBEst	1646451
AA160484	DBEst	1735912
AA127395	DBEst	1686772
н99704	DBEst	1124372
AA186460	DBEst	1774577
AA151775	DBEst	1720675
AA454595	D <b>BE</b> st	2177371
AA159605	DBEst	1741812
W45453	DBEst	1329593
AA486185	DBEst	2216401
AA428179	DBEst	2111829
AA443290	DBEst	2155965
т96986	DBEst	735610
R26531	DBEst	782666
AA195398	DBEst	1785170
AA166695	DBEst	1745159
N69962	DBEst	1226542
AA191437	DBEst	1780116
н89505	DBEst	1079983
N24829	DBEst	1138979
AA609422	DBEst	2457850
AA455012	DBEst	2177788

Page 60 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
	DBEst	2064331
AA406348	DBEst	1138998
N24848	DBEst	1192848
N51682	DBEst	2064346
AA406363	DBEst	1140268
N25920	DBEst	2184828
AA459944	DBEst	2064356
AA406373	DBEst	2079759
AA417940	DBEst	1784523
AA194833	DBEst	2064375
AA406233		1141847
N27366	DBEst	823606
R43755	DBEst	2069319
AA411656	DBEst	1784632
AA194941	DBEst	2156394
AA443719	DBEst	2207662
AA479106	DBEst	869801
н06249	DBEst	1148337
N29817	DBEst	2107479
AA424754	DBEst	2525163
AA621224	DBEst	2166241
AA452572	DBEst	2984862
AA876021	DBEst	2155959
AA443284	DBEst	1218229
N66104	DBEst	824119
R44741	DBEst	824119
R44762	DBEst	2166470
AA452801	DBEst	1891715
AA256176	DBEst	820070
R43008	DBEst	2166485
AA452816	DBEst	2166491
AA452822	DBEst	820082
R43020	DBEst	2056651
AA402915	DBEst	2106439
AA425664	DBEst DBEst	2166493
AA452824	DBEst	2178869
AA456093	DBEst	2166546
AA452877	DBEst	1349845
W51794	DBESt	2179211
AA456635	DBEst	2825465
AA773894	DBEst	1382607
W72140 AA676466	DBEst	2656988
	DBEst	2825872
AA773983	DBEst	820692
R44396	DBEst	2218985
AA489383	DBESt	1719614
AA149117	DBESt	1277415
W04695	DBEst	1719174
AA152340		1289599
W16425	DBEst DBEst	1156075
N34933	DBEst	1238711
N76133		1295061
W20462	DBEst DBEst	724113
T92200	DBEst	1241590
N78889	DBEst	1791845
AA196281	DBEst	1470541
AA009738	DDESC	74,0041

Page 61 of 89

TABLE 2A-1

1 CC 11111	DATABASE	GI NBR
W23581	DBEst	1300406
AA005135	DBEst	1448638
AA487192	DBEst	2217356
N23885	DBEst	1138035
AA132524	DBEst	1694031
AA406061	DBEst	2064044
AA490058	DBEst	2220933
N51030	DBEst	1192196.
AA120881	DBEst	1678212
AA044741	DBEst	1522944
AA012911	DBEst	1473938
N53458	DBEst	1194624
AA013353	DBEst	1474459
AA121271	DBEst	1678904
AA122079	DBEst	1678117
AA485896	DBEst	2215115
AA121518	DBEst	1679132
N57659	DBEst	1201549
AA045300	DBEst	1523502
AA146979	DBEst	1716474
AA460376	DBEst	2185589
AA161161	DBEst	1735398
AA487233	DBEst	2217397
AA464522	DBEst	2189406
AA126958	DBEst	1686410
AA455483	DBEst	2178259
H64591	DBEst	1023331
N25650	DBEst	1139998
AA424586	DBEst	2103556
R42312	DBEst	825251
AA459983	DBEst	2184867
AA609955	DBEst	2458383
N90595 ·	DBEst	1443922
AA452125	DBEst	2165794
н05535	DBEst	869087
R49597	DBEst	825128
N92804	DBEst	1265113
R43026	DBEst	820088
N94447	DBEst	1266756
AA610016	DBEst	2458444
T96935	DBEst	735559
N98238	DBEst	1269633
T99043	DBEst	748780
R40835	DBEst	821193
AA398141	DBEst	2051250
AA884897	DBEst	2994878
AA406311	DBEst	2064295
R66438	DBEst	839076
AA406201	DBEst	2064309
AA406320	DBEst	2064321
AA844818	DBEst	2931269
AA844831	DBEst	2931282
AA411204	DBEst	2068754
AA844B64	DBEst	2931315
AA449362	DBEst	2163211
AA411607	DBEst	2068751

Page 62 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA449481	DBEst	2163231
H16098	DBEst	880918
R59608	DBEst	830303
AA449490	DBEst	2163240
H16179	DBEst	880999
AA424944	DBEst	2107032
H16725	DBEst	882965
AA777551	DBEst	2837030
AA132867	DBEst	1694418
W92315	DBEst	1424680
AA487846	DBEst	2215277
W72870	DBEst	1383035
AA129217	DBEst	1689086
AA598640	DBEst	2432223
W72920	DBEst	1383055
N51585	DBEst	1192751
AA487297	DBEst	2217461
AA432096	DBEst	2115804
AA469964	DBEst	2197273
N63516	DBEst	1211345
N50702	DBEst	1191868
W73597	DBEst	1383731
AA002226	DBEst	1445161
N73083	DBEst	1230187
Т98355	DBEst	748092
AA429807	DBEst	2113031
Т99243	DBEst	748980
AA426026	DBEst	2106559
AA458674	DBEst	2183581
н90407	DBEst	1080837
N27637	DBEst	1142118
AA459403	DBEst	2184310
AA167565	DBEst	1745958
AA459649	DBEst	2184556
AA167589	DBEst	1746000
AA459689	DBEst	2184596
AA133554	DBEst	1690524
AA169173	DBEst	1747749
AA047275	DBEst	1525174
R06754	DBEst	757374
W81524	DBEst	1392624
AA004803	DBEst	1448300
AA459851	DBEST	2184758
AA218673	DBEst	1832757
AA621183	DBEst	2525122
AA219047	DBEst	1833139
N34042	DBEst	1154442
R93409	DBEst	967575
AA219230	DBEst	1833304
N30557	DBEst	1149077
N52876	DBEst	1194042
AA621294	DBEst	2525233
AA195318	DBEst	1785009
AA454654	DBEst	2177430 2167163
AA453494	DBEst	2207230
AA478596	DBEst	2201230

Page 63 of 89

WO 01/18542 PCT/US00/24199

TABLE 2A-1

ACC NUM	DATABASE	<u>GI NBR</u>
N52935	DBEst	1194101
AA455988	DBEst	2178764
AA411685	DBEst	2069348
AA194993	DBEst	1784695
ท52938	DBEst	1194104
R96522	DBEst	982182
R45517	DBEst	823731
N33610	DBEst	1154009
AA454616	DBEst	2177392
AA419603	DBEst	2079357
AA455130	DBEst	2177906
AA195080	DBEst	1784770
N54061	DBEst	1195227
AA478717	DBEst	2207351
AA412417	DBEst	2071023
AA457576	DBEst	2180296
R44447	DBEst	823344
N54274	DBEst	1195440
R59473	DBEst	830168
AA449832	DBEst	2163582
AA256464	DBEst	1892002
AA187143	DBEst	1775260
R44409	DBEst	823307
AA456654	DBEst	2179230
AA449847	DBEst	2163597
AA181023	DBEst	1764497
R44428	DBEst	823326
AA598507	DBEst	2432090
W72310	DBEst	1382933
AA459949	DBEst	2184833
R45114	DBEst	823468
AA026605	DBEst	1492440
AA455882	DBEst	2178658
AA055440	DBEst	1547778
AA778392	DBEst	. 2837723
AA775616	DBEst	2834950
AA455980	DBEst	2178756
AA706301	DBEst	2716219
AA709143	DBEst	2719061
AA455994	DBEst	2178770
R43798	DBEst	823647
AA165313	DBEst	1740541
AA463249	DBEst	2188133
AA488646	DBEst	2216077
W31919	DBEst	1312930
AA432081	DBEst	2115789
AA608729	DBEst	2457157
AA128462	DBEst	1689571
AA120866	DBEst	1678197
AA447476	DBEst	2161146
AA173411	DBEst	1753540
Т94556	DBEst	728044
N64145	DBEst	1211974
AA437099	DBEst	2142013
N35894	DBEst	1157036
AA151917	DBEst	1720790

Page 64 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
N39603	DBEst	1162810
W37B33	DBEst	1319447
Т97921	DBEst	747266
AA435988	DBEst	2140902
AA443976	DBEst	2156651
AA056484	DBEst	1548887
AA485869	DBEst	2215088
AA485969	DBEst	2215120
AA053682	DBEst	1544609
AA598983	DBEst	2432023
AA488604	DBEst	2216035
Т91098	DBEst	723011
AA488659	DBEst	2216090
AA129318	DBEst	1689101
AA172039	DBEst	1751096
R81831	DBEst	858434
AA412443	DBEst	2071013 2185789
AA460669	DBEst	2217665
AA487501	DBEst	1689705
AA128407	DBEst	2217022
AA486858	DBEst	749866
R00130	DBEst	2457738
AA609310	DBEst	1300412
W23441	DBEst	757480
R06860	DBEst	1313379
W32192	DBEst	823793
R45579	DBEst	1331240
W46575	DBEst DBEst	760183
R08260	DBEst	1140005
N25657 R49650	DBEst	825180
N54925	DBESt	1196245
W56308	DBEst	1358197
AA621761	DBESt	2524189
но6157	DBEst	869709
N25338	DBEst	1139488
R27619	DBEst	783754
R42056	DBEst	819607
N40180	DBEst	1163725
R16983	DBEst	770593
R59355	DBEst	830050
W60473	DBEst	1367234
R21741	DBEst	776522
N63520	DBEst	1211349
AA620359	DBEst	2524298
т86932	DBEst	715284
W67536	DBEst	1376407
w67368	DBEst	1376449
AA620669	DBEst	2524608
R51514	DBEst	813416
AA449321	DBEst	2163170
N48050	DBEst	1189216
AA448653	DBEst	2162323
AA704255	DBEst	2714173
AA398365	DBEst	2051492
R61700	DBEst	832395

Page 65 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA707321	DBEst	2717239
AA424537	DBEst	2103507
AA894557	DBEst	3030958
AA424534	DBEst	2103504
AA857131		2945433
AA778919	DBEst	2838250
AA398267	DBEst	2051376
R61187	DBEst	831882
AA857101	DBEst	2945403
AA199666	DBEst	1795373
R61231	DBEst	831926
R61297	DBEst	831992
AA495835	DBEst	2229156
AA448855	DBEst	2162525
AA705112	DBEst	2715030
AA424562	DBEst	2103532
AA398285	DBEst	2051394
W72671	DBEst	1382491
AA001879	DBEst	1445264
N50740	DBEst	1191906
W74257	DBEst	1384505
AA598947	DBEst	2432619
w95636	DBEst	1425545
N51068	DBEst	1192234
W73994	DBEst	1384641
AA001924	DBEst	1445399
н69691	DBEst	1039897
N64198	DBEst	1212027
AA446661	DBEst	2159326
N23717	DBEst	1137867
AA004887	DBEst	1447704
AA491457	DBEst	2220630
AA169840	DBEst	1748438
AA143467	DBEst	1712855
AA219172	DBEst	1833400
н72232	DBEst	1044048
AA481788	DBEst	2211340
AA171760	DBEst	1750836
AA431210	DBEst	2114918
AA172056	DBEst	1751150
AA621291	DBEst	2525230
н72279	DBEst	1044095
AA460147	DBEst	2185532
W71994	DBEst	1382435
N62271	DBEst	1210100
AA174106	DBEst	1754248
AA431771	DBEst	2115479
N62712	DBEst	1210541
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AA457517	DBEst	2180237
AA489463	DBEst	2219065
R40031	DBEst	820780
AA479952	DBEst	2208103
AA461317	DBEst	2186437
AA458993	DBEst	2183900
AA410345	DBEst	2069513

Page 66 of 89

TABLE 2A-1

	22	OT MOD
ACC NUM	DATABASE	GI NBR
N55361	DBEst	1198240 2064609
AA406599	DBEst	2179528
AA456318	DBEst	2079362
AA419608	DBEst	
и38960	DBEst	1162167
N57483	DBEst	1201373
AA424511	DBEst	2103472
ท39577	DBEst	1162784
AA195021	DBEst	1784723
AA399269	DBEst	2053004
N57906	DBEst	1201796
AA461090	DBEst	2186210
AA456001	DBEst	2178777
R83757	DBEst	928634
AA599311	DBEst	2432936
R45550	DBEst	823764
AA453779	DBEst	2167448
R45627	DBEst	823839
AA495836	DBEst	2229157
R45692	DBEst	822138
AA865729	DBEst	2958005
AA456036	DBEst	2178812
AA453802	DBEst	2167471
AA456044	DBEst	2178820
н70775	DBEst	1042591
AA188653	DBEst	1775678
N22897	DBEst	1137047
N78903	DBEst	1241604
W37733	DBEst	1319327
N68970	DBEst	1225131
AA487563	DBEst	2217727
AA190825	DBEst	1779210
N23651	DBEst	1137801
N73011	DBEst	1230115
W45025	DBEst	1329106
AA047462	DBEst	1525527
AA159994	DBEst	1734485
N49850	DBEst	1191016
W42746	DBEst	1327206
N89812	DBEst	1443139
N25049	DBEst	1139199
N68001	DBEst	1224162
AA131240	DBEst	1692767
AA598402	DBEst	2432286
AA412497	DBEst	2071067
AA487301	DBEst	2217465
R33363	DBEst	789221
AA131450	DBEst	1692956
AA133395	DBEst	1690363
AA056383	DBEst	1548723
AA598515	DBEst	2432098
W73781	DBEst	1383944
AA487505	DBEst	2217669
AA133590	DBEst	1690603
W45285	DBEst	1329387
R01179	DBEst	750915

Page 67 of 89

TABLE 2A-1

PCT/US00/24199

ACC NUM AA158352 DBESt AA16866 DBESt 1733163 AA446866 DBESt 1013831 AA166743 DBEST AA166743 DBEST R61377 DBEST R61377 DBEST R63399 DBEST R68013 DBEST R68013 DBEST R68013 DBEST R68013 DBEST R89992 DBEST R41530 R89602 DBEST R42143 DBEST R42143 DBEST R42143 DBEST R91680 DBEST R91401 DBEST R93070 DBEST R93070 DBEST R93070 DBEST R93070 DBEST R93083 DBEST R422549 DBEST R42264 AA520783 DBEST R42264 AA620783 DBEST R93630 DBEST R93630 DBEST R93630 DBEST R93630 DBEST R93770 DBEST R93630 DBEST R97970 DBEST R97970 DBEST R97970 DBEST R97970 DBEST R97970 DBEST R83630 R95041 DBEST R83630 R95041 DBEST R83630 R851 DBEST R83630 R852 R83630 R852 R83630 R853 R854 R83630 R855 R83646 R8981 DBEST R83666 DBEST R83666 DBEST R83666 DBEST R831676 RA418402 DBEST R831666 DBEST R832561 AA418499 DBEST R832578 AA451863 DBEST R832578 AA451863 DBEST R832578 AA451864 DBEST R832578 AA451863 DBEST R832578 AA451865 DBEST R831984 R837424 DBEST R831984 R8418408 DBEST R831984 R8418408 DBEST R831984 R831984 R8418408 DBEST R831984 R831984 R8418499 DBEST R831984 R831984 R8418499 DBEST R831984			OT 100
AA446866 DBEST 2159531 H60999 DBEST 1013831 AA166743 DBEST 1745216 R61377 DBEST 832072 N68399 DBEST 1224560 W81229 DBEST 1392249 R68013 DBEST 985693 W86185 DBEST 1727853 R42143 DBEST 1727853 R42143 DBEST 820534 H91680 DBEST 1087258 H06380 DBEST 958941 R00311 DBEST 958941 R00311 DBEST 958941 AA233070 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1422549 AA620783 DBEST 1266162 AA620794 DBEST 1266162 AA620794 DBEST 1266162 AA640794 DBEST 1266162 AA640794 DBEST 1267400 R87970 DBEST 983630 R97240 DBEST 983630 R97970 DBEST 1266162 AA446460 DBEST 1267400 R60981 DBEST 983630 R95041 DBEST 983630 R95041 DBEST 1267400 R60981 DBEST 1267600 R			
## H60999   DBEST   1013831			
AA166743 DBEST 1745216 R61377 DBEST 832077 N68399 DBEST 1224560 W81229 DBEST 1392249 R68013 DBEST 985693 W86185 DBEST 1396255 AA156235 DBEST 1727853 R42143 DBEST 820534 H91680 DBEST 1087258 H91680 DBEST 98941 R00311 DBEST 95941 R00311 DBEST 95941 R00311 DBEST 95941 R42233070 DBEST 1856186 W93407 DBEST 14256186 W93407 DBEST 1426166 AA620783 DBEST 1266162 AA620794 DBEST 2524722 N93853 DBEST 1266162 AA620794 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 982900 R897970 DBEST 983630 N95041 DBEST 983630 N95			
R61377 DBEST 832072 N68399 DBEST 1224560 W81229 DBEST 1392249 R68013 DBEST 841530 R99092 DBEST 985693 W86185 DBEST 1727853 R42143 DBEST 820534 H91680 DBEST 1087258 H06380 DBEST 958941 R00311 DBEST 958941 R00311 DBEST 750047 AA233070 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 2524722 N93853 DBEST 2524722 N93853 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 982900 R97970 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 982900 R60981 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 3056120 AA418402 DBEST 3056120 AA418402 DBEST 3056120 AA418403 DBEST 3056120 AA418404 DBEST 3056120 AA418490 DBEST 3056120 AA41			
N68399 DBEST 1224560 W81229 DBEST 1392249 R68013 DBEST 841530 R99092 DBEST 985693 W86185 DBEST 1727853 R42143 DBEST 1087258 H06380 DBEST 1087258 H06380 DBEST 958941 R00311 DBEST 1856186 W93407 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 1266162 AA620794 DBEST 2524722 AA620794 DBEST 2524733 AA436460 DBEST 2524733 AA436460 DBEST 2141374 R99240 DBEST 2141374 R99240 DBEST 2166162 AA916728 DBEST 3056120 AA916728 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 3056120 AA418402 DBEST 3056120 AA418402 DBEST 3056120 AA418404 DBEST 3056120 AA418405 DBEST 3056120 AA418406 DBEST 3056120 AA418407 DBEST 3056120 AA418408 DBEST 3056120 AA418408 DBEST 3056120 R61289 DBEST 3056120 R61289 DBEST 3056120 AA418408 DBEST 3056120 R61289 DBEST 3056120 AA418408 DBEST 3056120 R61289 DBEST 3056120 AA418408 DBEST 3056120 R61289 DBEST 3056120 R61280 DBEST 3			
W81229 DBEST 1392249 R68013 DBEST 841530 R99092 DBEST 985693 W86185 DBEST 1727853 R42143 DBEST 1087258 H91680 DBEST 1087258 H06380 DBEST 869932 R91401 DBEST 958941 R00311 DBEST 1856186 W93407 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 1266162 AA620794 DBEST 1266162 AA620794 DBEST 12641874 R97240 DBEST 983630 R97970 DBEST 983630 R9970 DBEST 983630 R99970 DBEST 983630 R9091 DBEST 983630 R50981 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 2103654 AA418392 DBEST 2080211 R61883 DBEST 2080211 R61884 DBEST 3056120 AA418408 DBEST 2080217 R61885 DBEST 3056120 AA418408 DBEST			
R68013 DBEST 841530 R99092 DBEST 985693 W86185 DBEST 1398625 AA156235 DBEST 1727853 R42143 DBEST 820534 H91680 DBEST 1087258 H06380 DBEST 958941 R00311 DBEST 958941 R00311 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 1266162 AA620794 DBEST 1266162 AA620794 DBEST 2524732 N93853 DBEST 2524733 AA436460 DBEST 983630 N95041 DBEST 983630 R60981 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 2103654 AA206914 DBEST 2080201 R61883 DBEST 2080201 R61886 DBEST 3056120 RA418402 DBEST 2080201 R61883 DBEST 2080201 R61884 DBEST 3056120 RA418408 DBEST 3056120 R61885 DBEST 3056120 R61886 DBEST 3056120 R61887 DBEST 3056120 R61888 DBEST 3056120 R61888 DBEST 3056120 R61888 DBEST 3056120 R61888 DBEST 3056120 R61889 DBEST 3056120 R61880 DBEST 3056120 R61881 DBEST 3056120 R61883 DBEST 3056120 R61884 DBEST 3056120 R61885 DBEST 3056120 R61886 DBEST 3056120 R61887 DBEST 3056120 R61888 DBEST 3056120 R61888 DBEST 3056120 R61889 DBEST 3056120 R61889 DBEST 3056120 R61889 DBEST 319918 N52039 DBEST 319908 H85434			
R99092 DBEST 985693 W86185 DBEST 1398625 AA156235 DBEST 1727853 R42143 DBEST 820534 H91680 DBEST 1087258 H06380 DBEST 869932 R91401 DBEST 958941 R00311 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 1266162 AA620794 DBEST 1266162 AA620794 DBEST 2524722 AA436460 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 983630 N95041 DBEST 983630 N95041 DBEST 9836630 N95041 DBEST 9836630 R60981 DBEST 9836630 R40916728 DBEST 2103654 AA206914 DBEST 2103654 AA206914 DBEST 2103654 AA418402 DBEST 2103654 AA418402 DBEST 2080211 R61866 DBEST 2080211 R61883 DBEST 2080201 R61884 DBEST 2080201 R61885 DBEST 2080201 R61886 DBEST 2080201 R61887 DBEST 2080201 R61888 DBEST 2080201 R61888 DBEST 2080201 R61889 DBEST 2080201 R61880 DBEST 2080201 R61881 DBEST 2080201 R61883 DBEST 2080201 R61884 DBEST 2080201 R61885 DBEST 2080217 R61289 DBEST 2080217 R61601 DBEST 1192767 AA007626 DBEST 1193503 R64762 DBEST 1193503 R64762 DBEST 1193883 R443695 DBEST 1190883 AA443695 DBEST 1190883 AA443695 DBEST 1190883 AA4176506 DBEST 1190883 AA4179392 DBEST 11200782 AA1779392 DBEST 11200782			
W86185 DBEST 1398625 AA156235 DBEST 1727853 R42143 DBEST 1727853 H91680 DBEST 1087258 H06380 DBEST 869932 R91401 DBEST 958941 R00311 DBEST 1856186 W93407 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 1266162 AA620794 DBEST 1266162 AA620794 DBEST 12641374 R97240 DBEST 983630 N95041 DBEST 983630 N95041 DBEST 3056120 AA916728 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 3056120 AA424676 DBEST 3056120 AA418402 DBEST 2080211 R61866 DBEST 32561 AA418392 DBEST 32561 AA418408 DBEST 32561 AA418408 DBEST 32561 AA418408 DBEST 3080217 R61289 DBEST 31994 AA131315 DBEST 319018 AA18859 DBEST 319018 N51601 DBEST 319018 N52039 DBEST 319303 N64762 DBEST 3193503 N64762 DBEST 3193503 N64762 DBEST 3193503 N64762 DBEST 3193603 AA446395 DBEST 3190883 AA443695 DBEST 3190883 AA4463695 DBEST 3156370 N56692 DBEST 31560761			
AA156235 DBEST 1727853 R42143 DBEST 820534 H91680 DBEST 1087258 H06380 DBEST 869932 R91401 DBEST 958941 R00311 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 2524722 N93853 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 983630 N95041 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 3056120 AA418402 DBEST 2080211 R61883 DBEST 2080211 R61883 DBEST 2080212 R61883 DBEST 2080212 R61883 DBEST 2080201 R61883 DBEST 2080201 R61883 DBEST 3056120 AA418408 DBEST 3056120 AA418408 DBEST 3056120 AA1131315 DBEST 305614 AA1338341 DBEST 305614 AA1338341 DBEST 305614 AA1338341 DBEST 305614 AA148859 DBEST 3056120 AA148859 DBEST 3056145 AA148859 DBEST 319908 AA131315 DBEST 319303 N64762 DBEST 319303 N64762 DBEST 319303 N64762 DBEST 3193503 N64762 DBEST 3193603 AA443695 DBEST 319088 AA443695 DBEST 319088 AA443695 DBEST 3156076 N56892 DBEST 3150761			
R42143 DBEST 820534 H91680 DBEST 1087258 H06380 DBEST 869932 R91401 DBEST 958941 R00311 DBEST 750047 AA233070 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 1266162 AA620794 DBEST 1266162 AA620794 DBEST 1266162 AA636460 DBEST 983630 N95041 DBEST 983630 N95041 DBEST 3056120 AA916728 DBEST 3056120 AA424675 DBEST 3056120 AA424675 DBEST 2103654 AA418392 DBEST 2080211 R61866 DBEST 832561 AA418392 DBEST 2080211 R61883 DBEST 2080201 R61883 DBEST 2165532 AA418408 DBEST 2165532 AA418408 DBEST 31984 AA131315 DBEST 3192767 AA007626 DBEST 319308 H85434 DBEST 319918 N52039 DBEST 319308 H85434 DBEST 319918 N52039 DBEST 319308 N64762 DBEST 319088 AA443695 DBEST 319088 AA443695 DBEST 319088 AA443695 DBEST 3156370 N56892 DBEST 3150778 N56892 DBEST 3150778 N56892 DBEST 3150778	W86185	DBEst	
H91680 DBEST 1087258 H06380 DBEST 869932 R91401 DBEST 958941 R00311 DBEST 750047 AA233070 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 2524722 N93853 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 1267400 R60981 DBEST 3056120 AA206914 DBEST 3056120 AA424675 DBEST 3056120 AA418402 DBEST 2080211 R61866 DBEST 3056120 R418402 DBEST 3056120 R418408 DBEST 3056120 R61883 DBEST 3056120 R61883 DBEST 3056120 R61884 DBEST 3056120 R61885 DBEST 3056120 R61887 DBEST 3056120 R61888 DBEST 3056120 R61888 DBEST 3056120 R61889 DBEST 31984 R418408 DBEST 31994 R418408 DBEST 3199767 R4007626 DBEST 3199767 R4007626 DBEST 3199767 R4007626 DBEST 3199708 R5434 DBEST 319918 R52337 DBEST 3199303 R64762 DBEST 3193503 R64762 DBEST 3193503 R64762 DBEST 3193603 R443695 DBEST 3190883 AA443695 DBEST 3156370 R56892 DBEST 3156370 R56892 DBEST 31560761			
H06380 DBEST 869932 R91401 DBEST 958941 R00311 DBEST 750047 AA233070 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 1266162 AA620794 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 1267400 R60981 DBEST 3056120 AA916728 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 2080211 R61866 DBEST 3056120 R418402 DBEST 3056120 R418408 DBEST 3056120 R418408 DBEST 3056120 R418408 DBEST 3056120 R61289 DBEST 30561 R61289 DBEST 30561 R61289 DBEST 30561 R61289 DBEST 30561 R61289 DBEST 31984 AA131315 DBEST 31994 AA148408 DBEST 31994 AA148408 DBEST 31994 AA148408 DBEST 31994 AA131315 DBEST 31994 AA131315 DBEST 31994 AA131315 DBEST 31994 AA131315 DBEST 31994 AA148459 DBEST 3193703 N51601 DBEST 319018 N52039 DBEST 3193703 N64762 DBEST 3193503 N64762 DBEST 3193503 N64762 DBEST 3193503 N64762 DBEST 3193603 N64762 DBEST 3193603 N64762 DBEST 3193603 N64762 DBEST 3193803 N64762 DBEST 3193803 N64762 DBEST 3190883 AA443695 DBEST 3190883 AA443695 DBEST 3156370 N56892 DBEST 3156370 N56892 DBEST 31560761	R42143	DBEst	
R91401 DBEST 958941 R00311 DBEST 750047 AA233070 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 2524722 N93853 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 983630 N95041 DBEST 3056120 AA916728 DBEST 3056120 AA224675 DBEST 2103654 AA206914 DBEST 2103654 AA206914 DBEST 3056120 R61883 DBEST 30561 AA418408 DBEST 30561 AA418408 DBEST 30561 AA51863 DBEST 30561 AA51863 DBEST 30561 AA418408 DBEST 3080201 R61289 DBEST 3080217 R61289 DBEST 3080217 R61289 DBEST 3080217 R61289 DBEST 31994 AA131315 DBEST 31994 AA398341 DBEST 31994 AA398341 DBEST 319018 N52039 DBEST 3193205 H85434 DBEST 319018 N52039 DBEST 319303 N84762 DBEST 319303 N84762 DBEST 319303 N84762 DBEST 3190883 AA443695 DBEST 3190883 AA443695 DBEST 3156370 N56892 DBEST 31560761	н91680		
R00311 DBEST 750047 AA233070 DBEST 1856186 W93407 DBEST 1422549 W86992 DBEST 1400749 AA620783 DBEST 2524722 AA620794 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 2524733 AA436460 DBEST 2141374 R97240 DBEST 982900 R97970 DBEST 983630 R95041 DBEST 1267400 R60981 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 2103654 AA206914 DBEST 2080211 R61866 DBEST 832561 AA418392 DBEST 832561 AA418392 DBEST 2080201 R61883 DBEST 832561 AA418408 DBEST 2080201 R61289 DBEST 2080217 R61289 DBEST 31994 AA131315 DBEST 31994 AA131315 DBEST 31984 AA131315 DBEST 31984 AA131315 DBEST 31984 AA1348408 DBEST 31984 AA1348408 DBEST 31984 AA133315 DBEST 31994 AA1348859 DBEST 31994 AA1348859 DBEST 319918 N52039 DBEST 319918 N52039 DBEST 319918 N52039 DBEST 319908 N52337 DBEST 3193205 H85434 DBEST 319918 N52039 DBEST 319908 N52337 DBEST 319908 N64762 DBEST 319088 N64762 DBEST 319088 N64762 DBEST 3190883 AA443695 DBEST 3156376 NA9717 DBEST 3190883 AA443695 DBEST 3156376 N56892 DBEST 31560761		DBEst	
AA233070 DBEst 1856186 W93407 DBEst 1422549 W86992 DBEst 1400749 AA620783 DBEst 2524722 N93853 DBEst 1266162 AA620794 DBEst 2524733 AA436460 DBEst 2141374 R97240 DBEst 982900 R97970 DBEst 983630 N95041 DBEst 31676 AA916728 DBEst 3056120 AA424675 DBEst 2103654 AA206914 DBEst 2103654 AA206914 DBEst 2080211 R61866 DBEst 32561 AA418392 DBEst 32561 AA418392 DBEst 2080201 R61883 DBEst 32578 AA451863 DBEst 32578 AA451863 DBEst 32578 AA451864 DBEst 31984 AA131315 DBEST 31984 AA131315 DBEST 31984 AA131315 DBEST 31984 AA131315 DBEST 3192767 AA007626 DBEST 3192767 AA007626 DBEST 319018 N52039 DBEST 3192767 AA007626 DBEST 319018 N52039 DBEST 319018 N	R91401	DBEst	
W93407 DBEst 1422549 W86992 DBEst 1400749 AA620783 DBEst 2524722 N93853 DBEst 1266162 AA620794 DBEst 2524733 AA436460 DBEst 2141374 R97240 DBEst 982900 R97970 DBEst 983630 N95041 DBEst 1267400 R60981 DBEst 3056120 AA424675 DBEst 2103654 AA206914 DBEst 2103654 AA206914 DBEst 3056120 AA418402 DBEst 30266120 R61883 DBEST 2080211 R61866 DBEST 302561 AA418392 DBEST 302561 AA418408 DBEST 302578 AA451863 DBEST 302578 AA451863 DBEST 302578 AA418408 DBEST 30390217 R61289 DBEST 30390217 R61289 DBEST 31994 AA131315 DBEST 31984 AA1484859 DBEST 3199767 AA007626 DBEST 319018 N52039 DBEST 3190503 N64762 DBEST 319503 N64762 DBEST 319503 N64762 DBEST 3193603 AA443695 DBEST 319883 AA443695 DBEST 3156370 N56892 DBEST 3156370 N56892 DBEST 31560761	R00311	DBEst	
W86992 DBEST 1400749 AA620783 DBEST 2524722 N93853 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 2141374 R97240 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 1267400 R60981 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 2103654 AA206914 DBEST 2080211 R61866 DBEST 32561 AA418402 DBEST 3056120 R61883 DBEST 302561 AA418492 DBEST 302561 AA418408 DBEST 302561 AA418408 DBEST 302561 N51601 DBEST 31984 AA131315 DBEST 31984 AA131315 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1193503 N52039 DBEST 1193205 H85434 DBEST 1193205 H85434 DBEST 1193205 H85434 DBEST 1193205 N52337 DBEST 1193503 N64762 DBEST 1190883 AA443695 DBEST 1190782 AA179392 DBEST 1200782 AA179392 DBEST 1200782 AA179392 DBEST 1200782 AA179392 DBEST 1200782 AA179392 DBEST 1760761	AA233070	DBEst	
AA620783 DBEST 2524722 N93853 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 2524733 AA436460 DBEST 2141374 R97240 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 1267400 R60981 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 2103654 AA206914 DBEST 2080211 R61866 DBEST 3056120 R61883 DBEST 2080211 R61883 DBEST 2080201 R61883 DBEST 2080201 R61883 DBEST 2080201 R61883 DBEST 2080201 R61289 DBEST 2080217 R61289 DBEST 31984 AA131315 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1193205 H85434 DBEST 1719155 W37424 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1193205 H85434 DBEST 1193205 H85434 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1190883 AA463221 DBEST 1190883 AA443695 DBEST 1190882 AA179392 DBEST 1200782 AA179392 DBEST 1200782 AA179392 DBEST 1200782 AA179392 DBEST 1760761	W93407	DBEst	
N93853 DBEST 1266162 AA620794 DBEST 2524733 AA436460 DBEST 2524733 AA436460 DBEST 2141374 R97240 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 1267400 R60981 DBEST 3056120 AA916728 DBEST 2103654 AA206914 DBEST 2103654 AA206914 DBEST 2080211 R61866 DBEST 302561 AA418402 DBEST 2080211 R61866 DBEST 302561 AA418392 DBEST 2080201 R61883 DBEST 302561 AA418408 DBEST 302578 AA451863 DBEST 2165532 AA418408 DBEST 31984 AA131315 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1193503 N51601 DBEST 1719155 W37424 DBEST 1719155 W37424 DBEST 1719157 W37424 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1193205 H85434 DBEST 1193205 H85434 DBEST 1193503 N64762 DBEST 1190883 AA463221 DBEST 119088 AA479392 DBEST 1200782 AA179392 DBEST 1760761	W86992	DBEst	
AA620794 DBEst 2524733 AA436460 DBEst 2141374 R97240 DBEst 982900 R97970 DBEst 983630 N95041 DBEst 1267400 R60981 DBEst 3056120 AA424675 DBEST 2103654 AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 32561 AA418392 DBEST 32561 AA418392 DBEST 32561 AA418408 DBEST 32578 AA451863 DBEST 32578 AA451863 DBEST 32578 AA418408 DBEST 31984 AA131315 DBEST 3192767 AA007626 DBEST 3192767 AA007626 DBEST 3192767 AA007626 DBEST 319303 N5424 DBEST 319018 N52039 DBEST 3193205 H85434 DBEST 319018 N52039 DBEST 3193205 H85434 DBEST 3193205 H85434 DBEST 3193205 H85434 DBEST 3193503 N64762 DBEST 319088 AA443695 DBEST 319088 AA443695 DBEST 319088 AA443695 DBEST 3156370 N56892 DBEST 3156370 N56892 DBEST 31760761	AA620783	DBEst	
AA436460 DBEST 2141374 R97240 DBEST 982900 R97970 DBEST 983630 N95041 DBEST 1267400 R60981 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 32561 AA418392 DBEST 2080201 R61883 DBEST 2165532 AA418408 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 3080217 R61289 DBEST 2080217 N51601 DBEST 3192767 AA007626 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1193503 N5424 DBEST 1193503 N5424 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1190883 AA418408 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463695 DBEST 1757639 AA443695 DBEST 1757639 AA443695 DBEST 1757639 AA443695 DBEST 1200782 AA179392 DBEST 1200782 AA179392 DBEST 1200782	N93853	DBEst	
R97240 DBEst 982900 R97970 DBEst 983630 N95041 DBEst 1267400 R60981 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 32561 AA418392 DBEST 2080201 R61883 DBEST 2080201 R61883 DBEST 2165532 AA418408 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 31984 AA131315 DBEST 31984 AA131315 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1193205 H85434 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 11938303 N64762 DBEST 11938303 N64762 DBEST 1190883 AA463221 DBEST 1190883 AA476399 DBEST 1190883 AA476399 DBEST 1190883 AA4793992 DBEST 1760761	AA620794	DBEst	
R97970 DBEST 983630 N95041 DBEST 1267400 R60981 DBEST 831676 AA916728 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 32561 AA418392 DBEST 2080201 R61883 DBEST 2165532 AA451863 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 2080217 R61289 DBEST 331984 AA131315 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA443695 DBEST 1757639 AA443695 DBEST 1757639 AA443695 DBEST 1757639 AA443695 DBEST 1200782 AA179392 DBEST 1760761	AA436460	DBEst	
N95041 DBEST 1267400 R60981 DBEST 831676 AA916728 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 32561 AA418392 DBEST 2080201 R61883 DBEST 32578 AA451863 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 2080217 R61289 DBEST 31984 AA131315 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1463612 AA148859 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1319018 N52039 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193637 N49717 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1757639 AA443695 DBEST 1757639 AA443695 DBEST 1200782 AA179392 DBEST 1760761	R97240	DBEst	
R60981 DBEST 831676 AA916728 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 2080201 R61883 DBEST 2080201 R61883 DBEST 2165532 AA418408 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 2080217 R61289 DBEST 2080217 R61289 DBEST 2080217 R61289 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1193205 H85434 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1319018 N52039 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA443695 DBEST 1757639 AA443695 DBEST 1200782 AA179392 DBEST 1760761	R97970	DBEst	
AA916728 DBEST 3056120 AA424675 DBEST 2103654 AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 2080201 R61883 DBEST 2080201 R61883 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1719155 W37424 DBEST 1719155 W37424 DBEST 1719155 W37424 DBEST 1719155 W37424 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA443695 DBEST 1757639 AA443695 DBEST 1200782 AA179392 DBEST 1760761	N95041	DBEst	
AA424675 AA206914 AA206914 DBEST AA418402 DBEST R61866 DBEST R61866 DBEST R61883 DBEST AA451863 DBEST AA451863 DBEST AA4518640 DBEST AA4518640 DBEST AA4518640 DBEST AA451865 DBEST AA451865 DBEST AA418408 DBEST AA41831315 DBEST AA398341 DBEST AA398341 DBEST DBEST AA007626 DBEST AA148859 DBEST AA148859 DBEST DBES	R60981	DBEst	
AA206914 DBEST 1802491 AA418402 DBEST 2080211 R61866 DBEST 32561 AA418392 DBEST 2080201 R61883 DBEST 32578 AA451863 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 31984 AA131315 DBEST 1692822 AA398341 DBEST 2051450 N51601 DBEST 1192767 AA007626 DBEST 1463612 AA148859 DBEST 1719155 W37424 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1212591 AA010611 DBEST 1216370 N49717 DBEST 1190883 AA463221 DBEST 119088 AA176506 DBEST 119088 AA443695 DBEST 1156370 N56892 DBEST 1200782 AA179392 DBEST 1200782 AA179392 DBEST 1200782	AA916728	DBEst	
AA418402 DBEST 2080211 R61866 DBEST 832561 AA418392 DBEST 2080201 R61883 DBEST 2165532 AA451863 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 831984 AA131315 DBEST 1692822 AA398341 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1463612 AA148859 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1212591 AA010611 DBEST 1471637 N49717 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA443695 DBEST 1757639 AA443695 DBEST 1200782 AA179392 DBEST 1200782	AA424675		
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AA418392 DBEST 2080201 R61883 DBEST 832578 AA451863 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 831984 AA131315 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1192767 AA007626 DBEST 1719155 W37424 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1212591 AA010611 DBEST 12190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA443695 DBEST 1757639 AA443695 DBEST 12156370 N56892 DBEST 1200782 AA179392 DBEST 1760761	AA418402	DBEst	
R61883 DBEST 832578 AA451863 DBEST 2165532 AA418408 DBEST 2080217 R61289 DBEST 831984 AA131315 DBEST 1692822 AA398341 DBEST 1792767 AA007626 DBEST 1192767 AA007626 DBEST 179155 W37424 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 12591 AA010611 DBEST 1212591 AA010611 DBEST 1471637 N49717 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1190883 AA463221 DBEST 1757639 AA443695 DBEST 1256370 N56892 DBEST 1200782 AA179392 DBEST 1760761	R61866	DBEst	•
AA451863 DBEst 2165532 AA418408 DBEst 2080217 R61289 DBEST 831984 AA131315 DBEST 1692822 AA398341 DBEST 1192767 AA007626 DBEST 1463612 AA148859 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1319018 N52039 DBEST 1064456 H84795 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1471637 N49717 DBEST 1190883 AA463221 DBEST 1190883 AA443695 DBEST 1256370 N56892 DBEST 1200782 AA179392 DBEST 1760761	AA418392		
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N51601 DBEST 1192767 AA007626 DBEST 1463612 AA148859 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1212591 AA010611 DBEST 1471637 N49717 DBEST 1190883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 1210782 AA179392 DBEST 1200782 AA179392 DBEST 1760761			
AA007626 DBEST 1463612 AA148859 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1471637 N49717 DBEST 1490883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
AA148859 DBEST 1719155 W37424 DBEST 1319018 N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1471637 N49717 DBEST 1190883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761		=	
W37424 DBEst 1319018 N52039 DBEst 1193205 H85434 DBEst 1064456 H84795 DBEst 1064077 N52337 DBEst 1193503 N64762 DBEst 1212591 AA010611 DBEst 1471637 N49717 DBEst 1190883 AA463221 DBEst 2188105 AA176506 DBEst 1757639 AA443695 DBEst 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
N52039 DBEST 1193205 H85434 DBEST 1064456 H84795 DBEST 1064077 N52337 DBEST 1193503 N64762 DBEST 1212591 AA010611 DBEST 1471637 N49717 DBEST 1190883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
H85434 DBEst 1064456 H84795 DBEst 1064077 N52337 DBEst 1193503 N64762 DBEst 1212591 AA010611 DBEst 1471637 N49717 DBEst 1190883 AA463221 DBEst 2188105 AA176506 DBEst 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
H84795 DBEst 1064077 N52337 DBEst 1193503 N64762 DBEst 1212591 AA010611 DBEst 1471637 N49717 DBEst 1190883 AA463221 DBEst 2188105 AA176506 DBEst 1757639 AA443695 DBEst 2156370 N56892 DBEst 1200782 AA179392 DBEst 1760761			
N52337 DBEst 1193503 N64762 DBEst 1212591 AA010611 DBEst 1471637 N49717 DBEST 1190883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
N64762 DBEst 1212591 AA010611 DBEst 1471637 N49717 DBEST 1190883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
AA010611 DBEST 1471637 N49717 DBEST 1190883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761	N52337	DBEst	
N49717 DBEST 1190883 AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
AA463221 DBEST 2188105 AA176506 DBEST 1757639 AA443695 DBEST 2156370 N56892 DBEST 1200782 AA179392 DBEST 1760761			
AA176506 DBEst 1757639 AA443695 DBEst 2156370 N56892 DBEst 1200782 AA179392 DBEst 1760761			
AA443695 DBEst 2156370 N56892 DBEst 1200782 AA179392 DBEst 1760761			
N56892 DBEst 1200782 AA179392 DBEst 1760761			
AA179392 DBEst 1760761			
AA464972 DBEst 2189856			
	AA464972	DBEst	2189826

Page 68 of 89

TABLE 2A-1

	50 FD 50 CC	GI NBR
ACC NUM	DATABASE	2457901
AA609473	DBEst	2139396
AA434482	DBEst	1128167
N22033	DBEst	733944
T95320	DBEst	1289674
W15284	DBEst	
AA443958	DBEst	2156633 1780173
AA191493	DBEst	
AA435985	DBEst	2140899
N48593	DBEst	1189759
AA461091	DBEst	2186211
AA620697	DBEst	2524636
AA609463	DBEst	2457891
AA437124	DBEst	2142038
T98287	DBEst	748024
AA410383	DBEst	2069486
AA100674	DBEst	1647035
AA620995	DBEst	2524934
N57535	DBEst	1201425
AA488658	DBEst	2216089
AA620628	DBEst	2524567
AA193579	DBEst	1782980
AA417994	DBEst	2079813
AA621381	DBEst	2525320
AA479362	DBEst	2207918
N58276	DBEst	1202166
N40211	DBEst	1163756
AA608824	DBEst	2457252
N68578	DBEst	1224739
H77614	DBEst	1055703
AA478962	DBEst	2207596
AA453435	DBEst	2167104
AA452802	DBEst	2166471
R45970	DBEst	823213
AA865464	DBEst	2957740
R38505	DBEst	795961
R45976	DBEst	823218
AA455041	DBEst	2177817
AA425116	DBEst	2107186
AA872020	DBEst	2968058
AA701944	DBEst	2705057
AA864524	DBEst	2958837
R46000	DBEst	823239
AA873885	DBEst	2968021
R37467	DBEst	794923
AA497044	DBEst	2230365
AA702973	DBEst	2706086
R15922	DBEst	768337
AA703449	DBEst	2713367
AA167382	DBEst	1745759
ท25085	DBEst	1139235
AA101954	DBEst	1645551
AA447480	DBEst	2161150
N90218	DBEst	1443545
W46341	DBEst	1330929
AA149987	DBEst	1721140
W47416	DBEst	1332213

Page 69 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
N48794	DBEst	1189960
AA455275	DBEst	2178051
W49487	DBEst	1337857
AA132172	DBEst	1693784
W37418	DBEst	1319012
N90704	DBEst	1444031
AA181767	DBEst	1765234
N26899	DBEst	1141247
N90774	DBEst	1444101
N49005	DBEst	1190171
AA609392	DBEst	2457820
AA191426	DBEst	1780105
AA486277	DBEst	2216493
AA416984	DBEst	2077110
	DBEST	1043058
H71242	DBEst	1613949
AA074079		1044459
н72643	DBEst	1694211
AA132660	DBEst	1740943
AA164782	DBEst	
R63714	DBEst	835593
AA159497	DBEst	1735040
AA417355	DBEst	2077437
R96198	DBEst	981858
AA401438	DBEst	2053646
W93544	DBEst	1422665
H78411	DBEst	1056500
AA064869	DBEst	1558990
AA461490	DBEst	2185354
AA481795	DBEst	2211347
R00835	DBEst	750571
AA136540	DBEst	1697814
AA417252	DBEst	2077351
T64896	DBEst	673941
R99471	DBEst	986072
W42450	DBEst	1326931
R42218	DBEst	817086
H63241	DBEst	1018042
н04789	DBEst	868341
H66122	DBEst	1024862
R61821	DBEst	832516
R45632	DBEst	823844
AA002258	DBEst	1445173
н81938	DBEst	1060027
н06282	DBEst	869834
н99362	DBEst	1124030
R60014	DBEst	830709
AA425056	DBEst	2107189
AA452118	DBEst	2165787
R60135	DBEst	830830
AA452130	DBEst	2165799
AA598594	DBEst	2432177
AA452134	DBEst	2165803
R60044	DBEst	830739
AA810225	DBEst	2879584
AA424920	DBEst	2107443
AA452250	DBEst	2165919
.2.20220		

Page 70 of 89

TABLE 2A-1

	22 M2 22 CE	GI NBR
ACC NUM	DATABASE	2432208
AA598625	DBEst	2051464
AA398355	DBEst	2107455
AA425543	DBEst DBEst	832067
R61372		722702
Т90789	DBEst	2051539
AA398430	DBEst	2432262
AA598679	DBEst DBEst	2186438
AA461318	DBEst	1194836
N53670	DBESt	2186081
AA460961	DBEst	1400231
W86445	DBEst	1210481
N62652	DBEst	1548168
AA055768 AA100293	DBEst	1646584
	DBEst	2457984
AA609556 N62434	DBEst	1210263
AA412047	DBEst	2070761
AA088231	DBEst	1633778
AA443712	DBEst	2156387
H82435	DBEst	1060524
AA464698	DBEst	2189582
AA487468	DBEst	2217632
W84658	DBEst	1395838
AA608775	DBEst	2457203
AA486538	DBEst	2216702
AA427737	DBEst	2111578
N63777	DBEst	1211606
AA443140	DBEst	2155815
AA496884	DBEst	2230205
AA151621	DBEst	1720194
R01246	DBEst	750982
N62735	DBEst	1210564
R23270	DBEst	778158
AA426025	DBEst	2106558
R92801	DBEst	965155
N46353	DBEst	1187519
AA453783	DBEst	2167452 2457351
AA608923	DBEst	1188011
N46845	DBEst	1791370
AA197344	DBEst	2207252
AA478618	DBEst	1211358
N63529	DBEst	2207257
AA478623	DBEst DBEst	816345
R54443	DBEst	2211353
AA481801 H06266	DBEst	869818
	DBEst	1211853
N64024	DBEst	943943
R85537 R49592	DBEst	825123
R49357	DBEst	821101
R40377	DBEst	821120
R15946	DBEst	768361
AA777637	DBEst	2837116
H25223	DBEst	894346
AA872602	DBEst	2968780
AA496957	DBEst	2230278

Page 71 of 89

TABLE 2A-1

	22.52.52.65	GGT# TO
ACC NUM	DATABASE	GI NBR 2713310
AA703392	DBEst	821226
R40967	DBEst	
R40983	DBEst	821241
R16146	DBEst	768074
AA873604	DBEst	2969726
н19687	DBEst	888382
R51103	DBEst	813005
AA858296	DBEst	2946598
AA704448	DBEst	2714366
R41389	DBEst	816695
R16144	DBEst	768072
н92234	DBEst	1087812
AA496984	DBEst	2230305
AA858026	DBEst	2946328
AA464603	DBEst	2189487
AA013268	DBEst	1474525
R49033	DBEst	817795
AA704492	DBEst	2714410
N27028	DBEst	1141376
AA490044	DBEst	2220919
AA399633	DBEst	2052647
W57767	DBEst	1364502
AA421018	DBEst	2099851
AA420998	DBEst	2099831
ท92293	DBEst	1264602
AA173408	DBEst	1753537
AA476258	DBEst	2204469
N29778	DBEst	1148298
N47075	DBEst	1188241
AA136541	DBEst	1697815
R09504	DBEst	761427
AA401347	DBEst	2053763
R07268	DBEst	759191
AA063577	DBEst	1557526
AA417356	DBEst	2077438
н95669	DBEst	1108811
AA599122	DBEst	2432747
AA143070	DBEst	1712574
н69538	DBEst	1039744
н75737	DBEst	1049749
R31789	DBEst	787632
AA416552	DBEst	2077513
AA191480	DBEst	1780142
N70023	DBEst	1226603
AA609365	DBEst	2457793
R60731	DBEst	831426
AA015663	DBEst	1476693
AA621047	DBEst	2524986
AA400194	DBEst	2054065
R61796	DBEst	832491
AA453759	DBEst	2167428
R41376	DBEst	816682
T55714	DBEst	657575
AA621363	DBEst	2525302
R45572	DBEst	823786
AA055474	DBEst	1547879

Page 72 of 89

TABLE 2A-1

200 1777	DATABASE	GI MBR
ACC NUM	DBEst	1118854
н97969		2525419
AA621480	DBEst	1118855
н97970	DBEst	820172
R49102	DBEst	832085
R61390	DBEst	2207112
AA478478	DBEst	2432269
AA598970	DBEst	
AA398431	DBEst	2051540
AA759046	DBEst	2806909 2432281
AA598397	DBEst	
R59304	DBEst	829999
N55461	DBEst	1198340
AA426309	DBEst	2107789
AA398384	DBEst	2051556
AA598828	DBEst	2432500
R59370	DBEst	830065
AA451890	DBEst	2165559
AA598841	DBEst	2432513
AA725564	DBEst	2743271
AA451911	DBEst	2165580
AA398757	DBEst	2051916
н05037	DBEst	868589
AA463449	DBEst	2188333
AA599574	DBEst	2433199
N59234	DBEst	1203124
N59287	DBEst	1203177
W86779	DBEst	1400507
N59289	DBEst	1203179
AA024494	DBEst	1489454
AA463230	DBEst	2188114
AA025274	DBEst	1489474
AA427954	DBEst	2111699
W87749	DBEst	1401824
AA046939	DBEst	1524838
н93081	DBEst	1099409
AA025538	DBEst	1490975
AA425773	DBEst	2106493
AA181207	DBEst	1764793
AA027266	DBEst	1492141
N24703	DBEst	1138853
AA432100	DBEst	2115808
N30131	DBEst	1148651
AA432080	DBEst	2115788
N30205	DBEst	1148725
AA425437	DBEst	2106202
AA446859	DBEst	2159524
AA191433	DBEst	1780112
W38026	DBEst	1319620
N75302	DBEst	1237880
AA173888	DBEst	1754083
AA447540	DBEst	2161210
N34441	DBEst	1155583
AA609311	DBEst	2457739
AA158346	DBEst	1733157
AA425851	DBEst	2106494
AA196287	DBEst	1791869

Page 73 of 89

WO 01/18542 PCT/US00/24199

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA490120	DBEst	2220995
AA609122	DBEst	2457550
AA490158	DBEst	2221033
AA478794	DBEst	2207428
AA490162	DBEst	2221037
N64774	DBEst	1212603
AA609134	DBEst	2457562
AA496790	DBEst	2230111
AA488070	DBEst	2215501
AA609189	DBEst	2457617
н06273	DBEst	869825
AA486195	DBEst	2216411
AA411009	DBEst	2070115
AA479284	DBEst	2207840
N49213	DBEst	1190379
R32440	DBEst	788283
AA609218	DBEst	2457646
AA479494	DBEst	2208050
R41461	DBEst	816763
R <b>49</b> 329	DBEst	820284
AA704613	DBEst	2714531
R16175	DBEst	768103
AA001219	DBEst	1437294
R49339	DBEst	820294
AA862465	DBEst	2954944
R16053	DBEst	768428
R16241	DBEst	768489
R49436	DBEst	820334 2718197
AA708279	DBEst	820403
R49559	DBEst	2955928
AA863449	DBEst	795194
R37738	DBEst	2958154
AA865878	DBEst DBEst	2838496
AA779165	DBESt	1940408
AA292429 R49587	DBEst	820431
AA894927	DBEst	3031328
R42536	DBEst	817298
AA394130	DBEst	2047101
R49117	DBEst	820187
R40025	DBEst	820774
AA700222	DBEst	2703185
AA172372	DBEst	1751420
N29850	DBEst	1148370
AA188710	DBEst	1775797
N93141	DBEst	1265450
AA158162	DBEst	1732956
AA486731	DBEst	2216895
N47500	DBEst	1188666
AA435998	DBEst	2140912
AA496788	DBEst	2230109
AA599107	DBEst	2432732
N30621	DBEst	1149141
AA412250	DBEst	2070820
N93601	DBEst	1265910
N56875	DBEst	1200765
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Page 74 of 89

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## TABLE 2A-1

	20022	GI NBR
ACC NUM	DATABASE	1367927
W60968	DBEst	848576
R74206	DBEst	2524405
AA620466	DBEst	923166
H47114	DBEst	1733022
AA158211	DBEst	
AA421282	DBEst	2100107
AA149579	DBEst	1720380
N74367	DBEst	1231652
AA400412	DBEst	2054283
R93744	DBEst	967910
AA151945	DBEst	1720783
R98047	DBEst	983707
н81554	DBEst	1059643
AA431750	DBEst	2115458
AA400434	DBEst	2054305
R02336	DBEst	752072
AA191322	DBEst	1779984
н50654	DBEst	990495
H48269	DBEst	986656
AA180060	DBEst	1761326
H53141	DBEst	993288
AA421479	DBEst	2100304
H14348	DBEst	879168
R49714	DBEst	820437
R41724	DBEst	817431
AA621644	DBEst	2525583
н98757	DBEst	1123425
R60995	DBEst	831690
AA621665	DBEst	2525604
R59116	DBEst	829811
R59722	DBEst	830417
н99799	DBEst	1124467
AA621132	DBEst	2525071
R40057	DBEst	822754
н17333	DBEst	883573
ท20833	DBEst	1125971
R40176	DBEst	822802
R51357	DBEst	813259
H22949	DBEst	891644
R59621	DBEst	830316
R37633	DBEst	795089
R45165	DBEst	823519
AA757764	DBEst	2805627
AA463444	DBEst	2188328
AA452156	DBEst	2165825
AA815407	DBEst	2885003
н05072	<b>DBE</b> st	868624
AA452165	DBEst	2165834
AA789301	DBEst	2849421
AA412059	DBEst	2070648
AA789328	DBEst	2849448
AA708298	DBEst	2718216
AA453170	DBEst	2166839
AA812973	DBEst	2883037
AA426216	DBEst	2107619
AA262351	DBEst	1898772

Page 75 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA812964	DBEst	2883028
AA418004	DBEst	2079823
AA292054	DBEst	1940040
AA812996	DBEst	2883060
AA463476	DBEst	2188360
AA476502	DBEst	2204713
н05741	DBEst	869293
AA843718	DBEst	2933074
н05769	DBEst	869321
AA463483	DBEst	2188367
AA418015	DBEst	2079834
н05770	DBEst	869322
N22904	DBEst	1137054
H05777	DBEst	869329
AA454079	DBEst	2167748
AA868278	DBEst	2963723
H04992	DBEst	868544
N66177	DBEst	1218302
AA454080	DBEst	2167749
N62178	DBEst	1209991
W88587	DBEst	1404059
AA400247	DBEst	2054313
AA620446	DBEst	2524385
AA489804	DBEst	2220688
н96630	DBEst	1110116
N62231	DBEst	1210060
W88745	DBEst	1404227
N68993	DBEst	1225154
W93299	DBEst	1421898
AA460675	DBEst	2185795
N62340	DBEst	1210169
N62376	DBEst	1210205
AA135870	DBEst	1696844
N38791	DBEst	1161998
N52362	DBEst	1193528
AA620401	DBEst	2524340
T97723	DBEst	747068
W20486	DBEst	1295075
N64379	DBEst	1212208
AA088701	DBEst	1634222
AA040332	DBEst	1516663
N74995	DBEst	1237541
н79845	DBEst	1057934
AA609666	DBEst	2458094
AA454177	DBEst	2167846
AA496948	DBEst	2230269
AA479299	DBEst	2207855
N49267	DBEst	1190433
н63111	DBEst	1017912
AA456286	DBEst	2179496
AA425160	DBEst	2107471
AA460530	DBEst	2185650
N66866	DBEst	1218991
AA479308	DBEst	2207864
AA436138	DBEst	2141052
AA609304	DBEst	2457732

Page 76 of 89

TABLE 2A-1

	70 mo 70 ma	GI NBR
ACC NUM	DATABASE	1220014
N67889	DBEst	1191953
N50787	DBEst DBEst	2178798
AA456022	DBEst	2179013
AA456437	DBEst	1694462
AA132964	DBESt	823546
R45192	DBEst	1224236
N68075 AA609474	DBEst	2457902
AA191424	DBEst	1780103
AA191424 AA456323	DBEst	2179533
AA865265	DBEst	2957541
AA775899	DBEst	2835233
AA875888	DBEst	2985247
R40129	DBEst	820825
R40123	DBEst	822877
AA490469	DBEst	2219642
R50755	DBEst	812657
AA873089	DBEst	2969211
AA496452	DBEst	2229773
AA476274	DBEst	2204485
AA863086	DBEst	2955565
R37472	DBEst	794928
AA425821	DBEst	2107641
AA862371	DBEst	2954850
AA704187	DBEst	2714105
AA459400	DBEst	2184307
AA863292	DBEst	2955771
AA455935	DBEst	2178711
R51273	DBEst	813175
R42061	DBEst	817007
R49708	DBEst	820434
AA455929	DBESt	2178705
AA071089	DBEst	1578449
N26769	DBEst	1141117
н58175	DBEst	1011007
N55357	DBEst	1198236
H40880	DBEst	916932
AA040742	DBEst	1517020
H40921	DBEst	916973
R74321	DBEst	848691
AA283631	DBEst	1927769
H61464	DBEst	1014296
н15913	DBEst	880733
AA284634	DBEst	1927750
AA098867	DBEst	1645051
н15926	DBEst	880746
AA283020	DBEst	1925944
AA757455	DBEst	2805318
W85913	DBEst	1398342
AA701300	DBEst	2704465
AA708058	DBEst	2717976
AA703536	DBEst	2713454
N71714	DBEst	1228426
H61223	DBEst	1014055
AA703553	DBEst	2713471
N71758	DBEst	1228470

Page 77 of 89

TABLE 2A-1

3.CC 2000	Damadace	GI MBR
ACC NUM	DATABASE DBEst	1229356
N72252 AA465368	DBESt	2191535
AA465368 AA292700	DBEst	1940694
AA148505	DBEst	1721549
AA146505 AA292655	DBEst	1940711
AA496253	DBEst	2229574
AA134862	DBESt	1695363
AA490901	DBEst	2220074
AA491292	DBEst	2220465
AA489068	DBEst	2218670
AA488875	DBEst	2218477
AA278849	DBEst	1920313
н40536	DBEst	916588
H85020	DBEst	1064722
AA459909	DBEst	2183355
R26785	DBEst	782920
AA016292	DBEst	1477350
R19410	DBEst	773020
R82595	DBEst	861986
н83996	DBEst	1062667
н40323	DBEst	916375
R82522	DBEst	861913
н85345	DBEst	1064319
H48070	DBEst	924122
н86559	DBEst	1068138
W96174	DBEst	1426080
R82802	DBEst	862193
N47691	DBEst	1188857
AA443886	DBEst	2156561
AA677240	DBEst	2657762
AA677327	DBEst	2657849
AA706839	DBEst	2716757
AA707336	DBEst	2717254
N21514	DBEst	1126684
AA707402	DBEst	2717320
AA430527	DBEst	2111084
AA676225	DBEst	2656747
AA707086	DBEst	2717004
N59251	DBEst	1203141
AA701677	DBEst	2704842
AA677025	DBEst	2657547
AA430506	DBEst	2111096
N62763	DBEst	1210592
AA701668	DBEst	2704833
AA707550	DBEst	2717468
AA677336	DBEst	2657858
AA430409	DBEst	2111111
AA676441	DBEst	2656963
N6218B	DBEst	1210017
AA430410	DBEst	2111112
AA210699	DBEst	1809353
AA521448	DBEst	2261991
R53929	DBEst	815831
AA214559	DBEst	1813184
н08208	DBEst	873030
AA148542	DBEst	1721567

Page 78 of 89

TABLE 2A-1

### A2011   DBEST   990706   AA101875   DBEST   1645278   AA465355   DBEST   1203443   R85452   DBEST   943858   R93309   DBEST   943858   R93309   DBEST   943858   R93309   DBEST   943858   R93309   DBEST   943858   R98072   DBEST   983732   R98072   DBEST   983732   R98090   DBEST   983732   R98090   DBEST   983732   R128090   DBEST   983732   R128090   DBEST   1218075   AA293300   DBEST   1218075   AA293300   DBEST   1218075   AA293300   DBEST   1211274   AA703609   DBEST   1211274   AA703609   DBEST   1211274   AA703609   DBEST   121827   R86106   DBEST   1398536   R62421   DBEST   1015253   AA682863   DBEST   1227699   AA285018   DBEST   1227699   AA285018   DBEST   1227699   AA292086   DBEST   1218303   AA701527   DBEST   1218303   AA701550   DBEST   120833   AA701550   DBEST   120845   AA682861   DBEST   12069544   AA57669   DBEST   22069544   AA459110   DBEST   2269542   AA488892   DBEST   120084   AA488892   DBEST   1218030   AA4459110   DBEST   1218030   AA4459110   DBEST   1218030   AA459110   DBEST   1218030   AA459110   DBEST   1218030   AA459110   DBEST   1218030   AA634381   DBEST   1218030   AA634381   DBEST   1218030   AA634381   DBEST   122084   AA459123   DBEST   122084   AA459123   DBEST   122084   AA459123   DBEST   122084   AA459123   DBEST   122086   AA6461   DBEST   1260804   H64130   DBEST			CT MBB
AA101875 DBEST 1645278 AA465355 DBEST 2191522 N59553 DBEST 1203443 R85452 DBEST 943858 R93309 DBEST 967475 H59805 DBEST 1012637 R98072 DBEST 983732 H28090 DBEST 983732 H28090 DBEST 1218075 AA293300 DBEST 1218075 AA293300 DBEST 1218075 AA293300 DBEST 1211274 AA703609 DBEST 1211274 AA703609 DBEST 1398536 H62421 DBEST 1015253 AA682863 DBEST 164524 AA285018 DBEST 1927699 N72888 DBEST 1229992 AA292086 DBEST 1229992 AA292086 DBEST 1218303 N666205 DBEST 1218304 AA701550 DBEST 1218304 AA682861 DBEST 1206944 AA757659 DBEST 1218304 AA682780 DBEST 12669463 AA488892 DBEST 12669463 AA488892 DBEST 1218404 AA459110 DBEST 1218404 AA59110 DB	ACC NUM	DATABASE	GI NBR
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W86106         DBESt         1398536           H62421         DBEST         1015253           AA682863         DBEST         2669546           AA285018         DBEST         1927699           N7288         DBEST         122992           AA701527         DBEST         2704692           AA292086         DBEST         1218303           N66178         DBEST         1218303           N66205         DBEST         1218303           AA701550         DBEST         2704715           AA682861         DBEST         2669544           AA757659         DBEST         2805522           W86908         DBEST         2805522           W86908         DBEST         2669463           AA488892         DBEST         2218494           AA459110         DBEST         2184017           AA278594         DBEST         2184017           AA278764         DBEST         2184026           AA459119         DBEST         2184026           AA489232         DBEST         2184030           AA634381         DBEST         2557595           AA489232         DBEST         2240292	N63445	DBEst	
M60100 M602018 MA682863 MA285018 MBEST M72888 DBEST M72892086 DBEST M869208 M66178 DBEST M866205 DBEST MA701550 DBEST MA701550 DBEST MA682861 DBEST M86908 DBEST M86908 DBEST M86908 DBEST M8682780 DBEST M848892 M8459110 DBEST M8459110 DBEST M8459119 DBEST M8459119 DBEST M8459123 DBEST M8459123 DBEST M8459123 DBEST M8489232 DBEST M848934 DBEST M848934 DBEST M9905 M96187 DBEST M96280 H86545 DBEST M96280 H86545 DBEST M96280 H86545 DBEST M96280 H86545 DBEST M96281 H8669557 DBEST M96281 H866957 DBEST M96281 H96281 H9628	AA703609	DBEst	-
AA682863 DBEST 2669546 AA285018 DBEST 1927699 N72888 DBEST 1229992 AA701527 DBEST 2704692 AA292086 DBEST 1940072 N66178 DBEST 1218303 AA701550 DBEST 1218303 AA701550 DBEST 2669544 AA757659 DBEST 2805522 W86908 DBEST 1400647 AA682780 DBEST 2669463 AA488892 DBEST 2184017 AA278594 DBEST 2184017 AA278594 DBEST 2184026 AA459119 DBEST 2184026 AA459119 DBEST 2184026 AA489232 DBEST 2184026 AA489232 DBEST 2184030 AA634381 DBEST 2184030 AA634427 DBEST 221834 AA634427 DBEST 221834 AA634427 DBEST 2240299 AA504132 DBEST 2240299 AA504130 DBEST 1068040 H84130 DBEST 1068040 H86545 DBEST 1068124 AA669557 DBEST 1068126 AA669557 DBEST 1068124 AA669557 DBEST 1068126 AA683050 DBEST 1089203 AA683050 DBEST 1089203 AA676268 DBEST 1082354 AA676268 DBEST 10626894	W86106	DBEst	
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N66205 DBEst 1218330 AA701550 DBEst 2704715 AA682861 DBEST 2669544 AA757659 DBEST 2805522 W86908 DBEST 2669463 AA488892 DBEST 2184017 AA278594 DBEST 2184026 AA278764 DBEST 2184026 AA278764 DBEST 2184030 AA634381 DBEST 2184030 AA634381 DBEST 2218834 AA634427 DBEST 2218834 AA634427 DBEST 2240299 AA504132 DBEST 2240299 AA504130 DBEST 2706282 H86461 DBEST 1068040 H84130 DBEST 1068040 H84130 DBEST 1068040 H86545 DBEST 1068024 AA669557 DBEST 1068024	AA292086	DBEst	
AA701550 DBEST 2704715 AA682861 DBEST 2669544 AA757659 DBEST 2805522 W86908 DBEST 1400647 AA682780 DBEST 2669463 AA488892 DBEST 2184017 AA278594 DBEST 1919932 AA459119 DBEST 1919932 AA459119 DBEST 2184026 AA278764 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2218834 AA634427 DBEST 2240299 AA504139 DBEST 2240299 AA504130 DBEST 2706282 AA703169 DBEST 1068040 H84130 DBEST 1068040 H8545 DBEST 1068040 H86545 DBEST 1068024 AA669557 DBEST 1068124 AA669557 DBEST 1068126 AA683050 DBEST 1088166 H92875 DBES	N66178	DBEst	
AA682861 DBEST 2669544 AA757659 DBEST 2805522 W86908 DBEST 1400647 AA682780 DBEST 2669463 AA488892 DBEST 2218494 AA459110 DBEST 1919932 AA459119 DBEST 1919932 AA459119 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2218834 AA634427 DBEST 2240299 AA504139 DBEST 2240299 AA504130 DBEST 2706282 H86461 DBEST 1068040 H84130 DBEST 1068040 H84130 DBEST 1062801 H86545 DBEST 1068124 AA669557 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1089203 H00298 DBEST 1088166 H92875 DBEST 1089203 H00298 DBEST 1089203 AA676268 DBEST 2666941 AA676268 DBEST 2656790 AA707084 DBEST 2717002	N66205	DBEst	_
AA757659 DBEST 2805522 W86908 DBEST 1400647 AA682780 DBEST 2669463 AA488892 DBEST 2218494 AA459110 DBEST 2184017 AA278594 DBEST 2184026 AA278764 DBEST 2184030 AA69123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2218834 AA634427 DBEST 2240299 AA504139 DBEST 2240299 AA504130 DBEST 2706282 H86461 DBEST 1068040 H84130 DBEST 1062801 H84130 DBEST 1062801 H15085 DBEST 1062801 H86545 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1089203 H00298 DBEST 1089203 H00298 DBEST 1089203 AA683050 DBEST 2668941 R32354 DBEST 2656790 AA707084 DBEST 2717002	AA701550	DBEst	
M86908 DBEST 1400647 AA682780 DBEST 2669463 AA488892 DBEST 2218494 AA459110 DBEST 2184017 AA278594 DBEST 1919932 AA459119 DBEST 2184026 AA278764 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2557641 AA504139 DBEST 2240299 AA504132 DBEST 2240299 AA504130 DBEST 1068040 H84130 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 1062801 H15085 DBEST 1062801 H5085 DBEST 1062801 H5085 DBEST 1062801 H5085 DBEST 1062801 H6545 DBEST 1062801 H6545 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1089203 H00298 DBEST 1089203 AA683050 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA682861	DBEst	
AA682780 DBEST 2669463 AA488892 DBEST 2218494 AA459110 DBEST 2184017 AA278594 DBEST 1919932 AA459119 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 22557595 AA489232 DBEST 2218834 AA634427 DBEST 2257641 AA504139 DBEST 2240299 AA504132 DBEST 2240299 AA504132 DBEST 1068040 H84130 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 1062801 H15085 DBEST 1062801 H5085 DBEST 1062801 H6545 DBEST 1062801 H6545 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 1088166 H92875 DBEST 1089203 H00298 DBEST 1089203 H00298 DBEST 1099203 H00298 DBEST 1099203 AA683050 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA757659	DBEst	
AA488892  AA488892  DBEST  AA488892  DBEST  AA459110  DBEST  AA459119  DBEST  AA278764  DBEST  AA459123  DBEST  AA489232  DBEST  AA634381  DBEST  AA634427  DBEST  AA634427  DBEST  DBEST  AA504139  DBEST  AA703169  DBEST  BBEST   W86908	DBEst		
AA459110 DBEST 1919932 AA459119 DBEST 1919932 AA459119 DBEST 2184026 AA278764 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 22597641 AA504139 DBEST 2240299 AA504132 DBEST 2240299 AA703169 DBEST 206282 H86461 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 879905 W96187 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1099203 H00298 DBEST 1099203 H00298 DBEST 2668941 R32354 DBEST 2656790 AA676268 DBEST 2656790 AA676268 DBEST 2656790 AA707084 DBEST 26177002	AA682780	DBEst	
AA278594 DBEST 1919932 AA459119 DBEST 2184026 AA278764 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2557641 AA504139 DBEST 2240299 AA504132 DBEST 2240299 AA703169 DBEST 1068040 H84130 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 1062801 H15085 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 168124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 1068124 AA669557 DBEST 2556982 H04399 DBEST 2556982 H04399 DBEST 1088166 H92875 DBEST 1099203 H92588 DBEST 1099203 H0298 DBEST 1099203 AA683050 DBEST 2668941 R32354 DBEST 2656790 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA488892	DBEst	
AA459119 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2557641 AA504139 DBEST 2240299 AA504132 DBEST 2240299 AA703169 DBEST 1068040 H84130 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 1062801 H15085 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2656790 H0298 DBEST 109203 AA683050 DBEST 109203 AA683050 DBEST 2668941 AA676268 DBEST 2656790 AA707084 DBEST 2656790 AA1037084	AA459110	DBEst	
AA278764 DBEST 1920084 AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2557641 AA504139 DBEST 2240299 AA504132 DBEST 2240292 AA703169 DBEST 1068040 H84130 DBEST 1062801 H84130 DBEST 1062801 H15085 DBEST 1062801 H15085 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2556982 H04399 DBEST 2556982 H04399 DBEST 1088166 H92875 DBE	AA278594	DBEst	
AA459123 DBEST 2184030 AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2557641 AA504139 DBEST 2240299 AA504132 DBEST 2706282 AA703169 DBEST 1068040 H84130 DBEST 1062801 H84130 DBEST 1062801 H85085 DBEST 1062801 H15085 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1089203 H00298 DBEST 1099203 H00298 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA459119	DBEst	
AA634381 DBEST 2557595 AA489232 DBEST 2218834 AA634427 DBEST 2557641 AA504139 DBEST 2240299 AA504132 DBEST 2240292 AA703169 DBEST 2706282 H86461 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 879905 W96187 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 2631056 AA6399 DBEST 867332 H92588 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1089203 H00298 DBEST 1099203 H00298 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA278764	DBEst	
AA489232 DBEST 2218834 AA634427 DBEST 2557641 AA504139 DBEST 2240299 AA504132 DBEST 2240292 AA703169 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 879905 W96187 DBEST 1426093 H51100 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 2631056 H04399 DBEST 2631056 H04399 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1099203 H00298 DBEST 1099203 H00298 DBEST 2668941 R32354 DBEST 2656790 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA459123	DBEst	
AA634427 DBEST 2557641 AA634427 DBEST 2240299 AA504132 DBEST 2240292 AA703169 DBEST 2706282 H86461 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 87905 W96187 DBEST 1426093 H51100 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2631056 AA633768 DBEST 2631056 H04399 DBEST 2556982 H04399 DBEST 1088166 H92875 DBEST 1088166 H92875 DBEST 1099203 H00298 DBEST 1099203 H00298 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA634381	DBEst	
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H86461 DBEST 1068040 H84130 DBEST 1062801 H15085 DBEST 879905 W96187 DBEST 1426093 H51100 DBEST 990941 H86545 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2556982 H04399 DBEST 867332 H92588 DBEST 1088166 H92875 DBEST 1099203 H00298 DBEST 1099203 AA683050 DBEST 863231 AA683050 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA504132	DBEst	
H84130 DBEST 1062801 H15085 DBEST 879905 W96187 DBEST 1426093 H51100 DBEST 990941 H86545 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2556982 H04399 DBEST 867332 H92588 DBEST 1088166 H92875 DBEST 1099203 H00298 DBEST 1099203 AA683050 DBEST 863231 AA683050 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	AA703169	DBEst	
H15085 DBEST 879905 W96187 DBEST 1426093 H51100 DBEST 990941 H86545 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2556982 H04399 DBEST 867332 H92588 DBEST 1088166 H92875 DBEST 1099203 H00298 DBEST 1099203 AA683050 DBEST 863231 AA683050 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	H86461	DBEst	
H15083 H96187 H96187 DBEst H51100 DBEst H86545 DBEst AA669557 DBEst AA633768 DBEst H04399 DBEst H92588 DBEst H0298 DBEst H00298 DBEst H00298 DBEst BA683050 DBEst R32354 DBEst DBEst AA676268 DBEst AA676268 DBEst AA707084 DBEST DB	н84130	DBEst	
H51100 DBEST 990941 H86545 DBEST 1068124 AA669557 DBEST 2631056 AA633768 DBEST 2556982 H04399 DBEST 867332 H92588 DBEST 1088166 H92875 DBEST 1099203 H00298 DBEST 863231 AA683050 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	н15085	D <b>BE</b> st	
H86545 DBEst 1068124 AA669557 DBEst 2631056 AA633768 DBEst 2556982 H04399 DBEst 867332 H92588 DBEst 1088166 H92875 DBEst 1099203 H00298 DBEst 863231 AA683050 DBEst 2668941 R32354 DBEst 788197 AA676268 DBEst 2656790 AA707084 DBEST 2717002	W96187	DBEst	
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AA633768 DBEst 2556982 H04399 DBEst 867332 H92588 DBEst 1088166 H92875 DBEst 1099203 H00298 DBEst 863231 AA683050 DBEst 2668941 R32354 DBEst 788197 AA676268 DBEst 2656790 AA707084 DBEST 2717002	н86545	DBEst	
H04399 DBEst 867332 H92588 DBEst 1088166 H92875 DBEst 1099203 H00298 DBEst 863231 AA683050 DBEst 2668941 R32354 DBEst 788197 AA676268 DBEst 2656790 AA707084 DBEst 2717002	AA669557	DBEst	
H92588 DBEst 1088166 H92875 DBEst 1099203 H00298 DBEst 863231 AA683050 DBEst 2668941 R32354 DBEst 788197 AA676268 DBEst 2656790 AA707084 DBEst 2717002	AA633768		2556982
H92875 DBEST 1099203 H00298 DBEST 863231 AA683050 DBEST 2668941 R32354 DBEST 788197 AA676268 DBEST 2656790 AA707084 DBEST 2717002	н04399	DBEst	
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AA683050 DBESt 2668941 R32354 DBESt 788197 AA676268 DBESt 2656790 AA707084 DBESt 2717002	н92875	DBEst	
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Page 79 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
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AA434435	DBEst	2139349
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AA437370	DBEst	2142284
AA703115	DBEst	2706228
AA706795	DBEst	2716713
AA427563	DBEst	2111431
AA707680	DBEst	2717598
N51752	DBEst	1192918
AA678024	DBEst	2658546
N23192	DBEst	1137342
AA455133	DBEst	2177909
н16789	DBEst	883029
AA521371	DBEst	2261914
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AA465704	DBEst	2191871
N63894	DBEst	1211723
AA709036	DBEst	2718954
N63744	DBEst	1211573
н48148	DBEst	924200
N68679	DBEst	1224840
AA620715	DBEst	2524654
N65971	DBEst	1218096
AA426352	DBEst	2106642
AA778663	DBEst	2837994
н38845	DBEst	908344
AA779449	DBEst	2838780
н45266	DBEst	921318
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N66070	DBEst	1218195
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AA701948	DBEst	2705061
AA398521	DBEst	2051694
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AA394197	DBEst	2047216
AA704222	DBEst	2714140
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AA757909	DBEst	2805772
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AA704587	DBEst	2714505
AA703208	DBEst	2706321
AA293206	DBEst	1941487
N48792	DBEst	1189958
AA757711	DBEst	2805574
AA703198	DBEst	2706311
AA757717	DBEst	2805580
N26928	DBEst	1141276
1420320	Durac	222270

Page 80 of 89

TABLE 2A-1

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AA504246	DBEst	2240406
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AA504250	DBEst	2240410
AA279133	DBEst	1920599
AA459358	DBEst	2184265
AA626705	DBEst	2539092
AA480894	DBEst	2210446
R88709	DBEst	953536
AA404619	DBEst	2058847
н01858	DBEst	864791
AA463446	DBEst	2188330
R91146	DBEst	958686
AA063459	DBEst	1557399
AA621138	DBEst	2525077
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AA205403	DBEst	1803394
AA598548	DBEst	2432131
R31567	DBEst	787410
AA018412	DBEst	1481878
н00660	DBEst	863593
AA018232	DBEst	1481488
R89363	DBEst	954190
R89287	DBEst	954114
н01820	DBEst	864753
R92201	DBEst	959741
AA678975	DBEst	2659497
AA701232	DBEst	2704397
AA458867	DBEst	2183774
AA434400	DBEst	2139314
AA252470	DBEst	1887451
N48169	DBEst	1189335
AA706829	DBEst	2716747
N62206	DBEst	1210035
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AA490520	DBEst	2219693
AA490892	DBEst	2220065
AA251354	DBEst	1886317
AA781508	DBEst	2840839
AA491295	DBEst	2220468
AA491297	DBEst	2220470
AA482282	DBEst	2209960
AA490522	DBEst	2219695
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н38660	DBEst	908159
AA504478	DBEst	2240638 1018564
н63763	DBEst	1010304

Page 81 of 89

TABLE 2A-1

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N70688	DBEst	1227268
AA775872	DBEst	2835206
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н60696	DBEst	1013528
AA505117	DBEst	2241277
N69528	DBEst	1225689
AA757732	DBEst	2805595
N30222	DBEst	1148742
AA757918	DBEst	2805781
N30225	DBEst	1148745
W46944	DBEst	1331816
AA758451	DBEst	2806314
N48988	DBEst	1190154
AA700811	DBEst	2703976
AA421603	DBEst	2100601
W49629	DBEst	1337884
AA421515	DBEst	2100611
N40968	DBEst	1164566
AA680367	DBEst	2656674
AA421335	DBEst	2100160
N30256	DBEst	1148776
W69271	DBEst	1378746
AA777384	DBEst	2836715
AA678087	DBEst	2658609
AA279396	DBEst	1920879
AA620757	DBEst	2524696 2985252
AA875893	DBEst DBEst	789314
R33456 AA872341	DBEst	2968519
R34225	DBEst	790083
AA857413	DBEst	2945715
R34273	DBEst	790131
AA018655	DBEst	1481920
R92362	DBEst	959902
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AA679067	DBEst	2659589
AA019062	DBEst	1482453
R92601	DBEst	960141
н02778	DBEst	865711
н03436	DBEst	866369
R72244	DBEst	846276
н02307	DBEst	865240
R91566	DBEst	959106
R91583	DBEst	959123
N48261	DBEst	1189427
н84915	DBEst	1064410
N51225	DBEst	1192391
AA706967	DBEst	2716885 1212323
N64494	DBEst	1922038
AA280381	DBEst	1140976
N26628	DBEst DBEst	1210177
N62348 N23606	DBESt	1137756
M23000	20036	,

Page 82 of 89

TABLE 2A-1

	20.25.20.62	CT NTD
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N27123	DBEst	1186402
N45236	DBEst	2704493
AA701328	DBEst	1925515
AA282599	DBEst	1109118
н95976	DBEst	1192528
N51362	DBEst DBEst	1226773
N70193	DBEst	1138305
N24155	DBESt	2617932
AA663941 AA252348	DBESt	1887311
	DBESt	2557039
AA633825 AA488898	DBEst	2218500
AA489016	DBEst	2218618
	DBESt	1013571
H60739	DBEst	1227609
N71029	DBEst	795847
R38391	DBEst	1025580
H66840	DBEst	953267
R88440 H69022	DBEst	1030272
R87531	DBESt	946344
	DBEst	1238666
N76088	DBEst	953499
R88672	DBEst	1149267
N30747 AA421352	DBEst	2100177
	DBEst	1141434
N27086 AA704615	DBEst	2714533
AA758379	DBEst	2806242
AA477404	· DBEst	2206038
N38839	DBEst	1162046
AA677880	DBEst	2658402
AA682671	DBEst	2669952
W70065	DBEst	1379326
AA477283	DBEst	2205917
AA758152	DBEst	2806015
N57530	DBEst	1201420
W74701	DBEst	1384924
AA402875	DBEst	2056629
AA682623	DBEst	2669904
N32895	DBEst	1153294
W69743	DBEst	1379074
AA402965	DBEst	2056745
N32904	DBEst	1153303
AA777700	DBEst	2837179
AA402040	DBEst	2056040
AA427924	DBEst	2111686
AA481269	DBEst	2210821
AA457039	DBEst	2179759
AA431772	DBEst	2115480
AA282971	DBEst	1925885
AA775774	DBEst	2835108
AA775364	DBEst	2834698
R34566	<b>DBE</b> st	791467
AA019338	DBEst	1482749
R92812	DBEst	965166
R34568	DBEst	791469

Page 83 of 89

TABLE 2A-1

	222222	OT MDD
ACC NUM	DATABASE	GI NBR
AA279990	DBEst	1921519
н03955	DBEst	866888
AA021586	DBEst	1485257
R86764	DBEst	945740
R94495	DBEst	969890
н04757	DBEst	868309
R94504	DBEst	969899
AA702714	DBEst	2705827
AA021188	DBEst	1484922
R94542	DBEst	969937
R93591	DBEst	967757
N51367	DBEst	1192533
N74679	DBEst	1231964
н96554	DBEst	1110040
N51386	DBEst	1192552
AA417622	DBEst	2079449
Н97701	DBEst	1118586
AA699914	DBEst	2702877
AA417761	DBEst	2079562
AA707225	DBEst	2717143
н97851	DBEst	1118736
N33236	DBEst	<b>11536</b> 35
AA700758	DBEst	2703923
N50632	DBEst	1191798
N29457	DBEst	1147977
AA699931	DBEst	2702894
AA465354	DBEst	2191521
н98655	DBEst	1123323
AA700867	DBEst	2704032
AA700871	DBEst	2704036
AA465238	DBEst	2191405
AA489042	DBEst	2218644
AA206454	DBEst	1801834
AA196979	DBEst	1792570
AA670123	DBEst	2631622
AA205432	DBEst	1803422
AA504162	DBEst	2240322
AA443638	DBEst	2156313
н15539	DBEst	880359
H51122	DBEst	990963
н77595	DBEst	1055684
N66933	DBEst	1219058
R85939	DBEst	944345
н25551	DBEst	894674
N67007	DBEst	1219132
н87795	DBEst	1069374
AA856874	DBEst	2945176
R85260	DBEst	943666
H44032	DBEst	920084
AA857496	DBEst	2945798
н91861	DBEst	1087439
AA443903	DBEst	2156578
AA700989	DBEst	2704154
AA401457	. DBEst	2053665
AA700997	DBEst	2704162
N32587	DBEst	1152986

Page 84 of 89

TABLE 2A-1

		07 WDD
ACC NUM	DATABASE	GI NBR 2063740
AA405190	DBEst	1148887
N30367	DBEst	2837191
AA777712	DBEst	2658698
AA678176	DBEst	2056786
AA402889	DBEst	1188180
N47014	DBEst DBEst	2754371
AA733012	DBEst	2658712
AA678190 AA704713	DBEst	2714631
AA733027	DBESt	2754386
AA708248	DBESt	2718166
N34876	DBEst	1156018
AA777428	DBEst	2836759
N47333	DBEst	1188499
AA701026	DBEst	2704191
AA704278	DBEst	2714196
AA456818	DBEst	2179538
AA282985	DBEst	1925918
AA456821	DBEst	2179541
AA430021 AA670330	DBEst	2631829
AA485132	DBEst	2214351
AA775840	DBEst	2835174
R09063	DBEst	760986
H04247	DBEst	867180
R07891	DBEst	759814
R95749	DBEst	981409
AA021434	DBEst	1485150
R08311	DBEst	760234
R37978	DBEst	795434
н83123	DBEst	1061793
R56840	DBEst	826946
AA702404	DBEst	2705517
R96903	DBEst	982563
н98619	DBEst	1123287
N32949	DBEst	1153348
N50786	DBEst	1191952
н99120	DBEst	1123788
AA700090	DBEst	2703053
AA699359	DBEst	2702553
N91117	DBEst	1444444
AA458938	DBEst	2183845
AA699443	DBEst	2702637
н99202	DBEst	1123870
AA700167	DBEst	2703130
AA701481	DBEst	2704646
AA459364	DBEst	2184271
н99661	DBEst	1124329
AA704792	DBEst	2714710
AA455237	DBEst	2178013
AA700553	DBEst	2703516
N34466	DBEst	1155608
AA773478	DBEst	2825049
AA205598	DBEst	1803606
AA773358	DBEst	2824929
AA504137	<b>DBE</b> st	2240297
AA283874	DBEst	1928083

Page 85 of 89

TABLE 2A-1

	D2 = 2 D2 CE	GI MBR
ACC NUM	DATABASE	2552597
AA629986	DBEst	2657147
AA676625	DBEst	2240665
AA504505	DBEst	
AA872402	DBEst	2968580
н75853	DBEst	1049924
Н39024	DBEst	908523
н89955	DBEst	1080385
AA699864	DBEst	2702827
Н94670	DBEst	1102303
N74014	DBEst	1231299
AA857015	DBEst	2945317
R21423	DBEst	776204
R20813	DBEst	775594
AA666269	DBEst	2620882
AA465389	DBEst	2191556
R23215	DBEst	778103
н95638	DBEst	1108780
AA258001	DBEst	1894433
H20046	DBEst	888741
R23246	DBEst	778134
R85643	DBEst	944049
AA285155	DBEst	1928118
R39446	DBEst	796902
R85509	DBEst	943915
AA707714	DBEst	2717632
AA436327	DBEst	2141241
AA707728	DBEst	2717646
AA777886	DBEst	2836879
AA678318	DBEst	2658840
AA774649	DBEst	2833983
AA677920	DBEst	2658442
AA704508	DBEst	2714426
N50655	DBEst	1191821
AA707696	DBEst	2717614
N50661	DBEst	1191827
AA677923	DBEst	2658445
N34316	DBEst	1155458
AA732917	DBEst	2754276
AA703391	DBEst	2713309
AA482127	DBEst	2209805
N50406	DBEst	1191572
AA758470	DBEst	2806333
AA703393	DBEst	2713311
AA436401	DBEst	2141315
N47388	DBEst	1188554
AA436405	DBEst	2141319
AA682624	DBEst	2669905
AA704749	DBEst	2714667
AA676907	DBEst	2657429
AA482007	DBEst	2209685
AA485254	DBEst	2214473
AA779380	DBEst	2838711
AA482031	DBEst	2209709
AA491212	DBEst	2220385
AA705423	DBEst	2715341
AA676768	DBEst	2657290

Page 86 of 89

TABLE 2A-1

7 CC 17TM	Damana CT	GI NBR
ACC NUM	DATABASE DBEst	1507307
AA035137	DBESt	2219784
AA490611	DBEst	764233
R11498		835192
R63313	DBEst	2718594
AA708676	DBEst	835376
R63497	DBEst	770447
R16837	DBEst	840255
R67617	DBEst	835850
R63971	DBEst	1550066
AA057425	DBEst	982880
R97220	DBEst	819255
R54733	DBEst	770370
R16760	DBEst	762235
R10279	DBEst	1545567
AA054643	DBEst	1545575
AA054439	DBEst	
R54672	DBEst	819130
H54796	DBEst	995216
R12708	DBEst	765784
R62371	DBEst	834250
н54659	DBEst	995026
AA778756	DBEst	2838087
N91821	DBEst	1264130
AA701351	DBEst	2704516 2838157
AA778826	DBEst	
н99415	DBEst	1124083
AA778846	DBEst	2838177
N31605	DBEst	1152004 2704526
AA701361	DBEst	
AA699410	DBEst	2702604
N79061	DBEst	1241762
N20054	DBEst	1124721
AA701900	DBEst	2705013 2702670
AA699707	DBEst	
N62400	DBEst	1210229 2191333
AA465166	DBEst	
AA779251	DBEst	2838582 1210247
N62418	DBEst	
AA701909	DBEst	2705022 2552521
AA629910	DBEst	2240413
AA504253	DBEst	1933544
AA287828	DBEst	1933018
AA287318	DBEst	2657387
AA676865	DBEst	2241223
AA505063	DBEst	1933670
AA286807	DBEst	
AA286814	DBEst	1933677
AA677629	DBEst	2658151
н23959	DBEst	892654 2191688
AA465521	DBEst	
AA129135	DBEst	1688902
AA013099	DBEst	1474135 2191703
AA465536	DBEst	
AA629999	DBEst	2552610
AA017104	DBEst	1479268
AA127014	DBEst	1687643

Page 87 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
N53480	DBEst	1194646
AA015819	DBEst	1476849
N53488	DBEst	1194654
R26283	DBEst	782418
AA262080	DBEst	1898204
AA707785	DBEst	2717703
N57487	DBEst	1201377
N50428	DBEst	1191594
AA704752	DBEst	2714670
AA707847	DBEst	2717765
N47445	DBEst	1188611
AA707741	DBEst	2717659
AA703383	DBEst	2713301
N50654	DBEst	1191820
AA682545	DBEst	2669826
ท50935	DBEst	1192101
AA682563	DBEst	2669844
W80457	DBEst	1391513
AA707171	DBEst	2717089
AA425791	DBEst	2107629
AA703519	DBEst	2713437
AA428341	DBEst	2110206
N50828	DBEst	1191994
AA706982	DBEst	2716900
N50859	DBEst	1192025
AA682637	DBEst	2669918
W80724	DBEst	1391742
AA677650	DBEst	2658172
AA043945	DBEst	1521952
R38923	DBEst	796379
AA491256	DBEst	2220429
AA043772	DBEst	1521630
R39924	DBEst	797540
AA455654	DBEst	2178430
AA489696	DBEst	2219298
R10382	DBEst	762338
R71738	DBEst	845770
AA708201	DBEst	2718119
R10890	DBEst	763625
R64686	DBEst	836565
AA708001	DBEst	2717919
R65993	DBEst	838631
н29858	DBEst	900768
R11217	DBEst	763952
R66367	DBEst	839005
н85536	DBEst	1064575
H56453	DBEst	1005097
R16555	DBEst	770165
R16566	DBEst	770176
AA708301	DBEst	2718219
AA708327	DBEst	2718245
H29897	DBEst	900807
н57105	DBEst	1009937
R72380	DBEst	846412
N21015	DBEst	1126185
N62499	DBEst	1210328

Page 88 of 89

TABLE 2A-1

ACC NUM	DATABASE	GI NBR
AA705966	DBEst	2715884
N20322 ·	DBEst	1125277
N35469	DBEst	1156611
AA705977	DBEst	2715895
N62593	DBEst	1210422
N62726	DBEst	1210555
AA677215	DBEst	2657737
W37782	DBEst	1319593
N21338	DBEst	1126508
AA699567	DBEst	2703714
ท35825	DBEst	1156967
AA490843	DBEst	2220016
AA287949	DBEst	1933772
AA776942	DBEst	2836273
AA704908	DBEst	2714826
AA287964	DBEst	1933920
AA504779	DBEst	2240939
AA705219	DBEst	2715137
AA287067	DBEst	1934091
AA705072	DBEst	2714990
AA287090	DBEst	1934097
AA705077	DBEst	2714995

296

TABLE 2D-1

ACC NUM	DATABASE	GI NBR
AA406601	DBEst	2064611
AA451904	DBEst	2165573
W73140	DBEst	1383275
AA070226	DBEst	1577585
AA446108	DBEst	2158773
AA459401	DBEst	2184308
N48698	DBEst	1189864
AA676466	DBEst	2656988
AA775616	DBEst	2834950
AA872020	DBEst	2968058

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Accession Number	•	expression 29	Σ	tumors tumors	Court-down	Chromosome	Location	Tissue 1	Tissue 2	Tissue 3
ਨ		6.27	9.66	8	9			Adipose	Uterus	Umblical cord
•	30111815.55	0.10	155.50	806.	6.00			Neural	Cerxix	Umbilical cord
9		<b>4</b> .08	5.82	8	0.00	×	295.57		Stomach	<u>8</u>
	VA043334 16.39	0,0	16.33	8	000			Thyroid	Pancreas	Breast
		2.27	5.11	8	8	•	80.54		Aorta	Breast
	_	15.91	6.01	1.00	9	•	694.64	Marrow	Gall bladder	Ear
		8.	5.50	0.00	500	11	295.68		Gall bladder	Blood
		11.50	5.19	1.00	0.0	2	242.69	Adrenal gland Overy	d Ovary	Testis
	-	8	150.57	20.00	<b>9</b> .00			Nose	Placenta	Pancreas
		0. 10	107.41	8.00	6.00	Ξ	375.95	Lymph node	_	Nose
		55.68		1.00	0.00			ES.	Piacenta	Aorta
		2.14	6.34	2.00	2.00	Ξ	16 42		i	
	AA434102 8.17	8.5	2.5	0.00	9 6	•	į	Overy Overy	0000	Lymph
		3 5		9 6	9 6	o	2	Special	Tectie	Paramyraid
		7 5	20.02	9 6	3 5	ï	149 77		Dormania	in the carrier
		3 5	61.00	9.6	3 3	= 5	2.00		Paratnyrold	
	730184 10.10	3.5	2.5	9.5	3.5	3 •	8 8	ignore.	Acipose	Ereasi
		98.	3.42	00.1	0.00	<b>3</b>	323.63	Fiscenta	Parathyroid	Lymph
~		8.43	6.92	1.00	5.00	Ξ	348.47	7 Small IntestincEar	1cEar	Aorta
	•	0.74	12.81	2.00	6.00	12	251.25	5 Smooth musc Breast	c Breast	Placenta
		0.55	32.62	9.00	6.00	m	188 59	) Ear		Whole embryo
		9.1	5.10	0.00	1.00	15	279 13	279 13 Nose	Ovary	Tonsil
	H15215 127.15	12.64	10.06	6.00	0.00	×	80,62	2 Pooled	Adipose	Placenta
		2.79	5,48	1.00	0.00	×	277 53	Pooled	Parathyroid	Muscle
		1.38	9.39	3.00	0.0				Brain	CNS
	o	19.	10.79	2.00	1.00			Ear	Thyroid	Stomach
10		3.10	5.27	6.1	0.0			Foreskin	Whole embryoCervix	OCervix
N		1.13	15.69	1.00	0.00	n	77,709	7 Uver	Poor	Kidney
Ť٧		3.12	24.87	20.00	2.00	12	228.74			
Ż	<u>~</u>	7.76	7.30	1.00	0.00	4	678.46	678.46 Synovial memCNS	a CNS	Pancress
¥		1.71	7.55	1.00	0.00			Gall bladder Liver	Liver	P86
N		6.14	7.83	10.00	0.00	9	620.9	620.93 Adipose	Smooth muse Spleen	c Spleen
Ť		6.21	8.52	3.00	0.0	12	308.1	308.12 Bare marrow Cervix	v Cervix	Skin
₹ :	0A449459 32.04	2.52	12.73	7.00	6.00	∢ ;	420.5	1 Whole embry	yoPool	Heart
ď		1.70	9.39	8	90	=	16.42	~		
Ñ.		8	13 99	0.0	1.00	9	118.5	118.59 Lymph	Lung	Breast
9	T	9	24 80	0.00	3.00	<b>1</b>	41.5	41.55 Thyroid	Adipose	Cervix
9		1,00	23 12	2.00	3.00	-	293.7	293.77 Aorta	Breast	Parathyroid
3		1.51	17 19	2.00	9.9				m F	Adipose
7	ę,	1.00	85 23	8.	3.00	φ	78.	78.3 Thyroid	Bone	
×		2.89	9.73		8.	~	437.3	437.34 Hoad and nec Parathyroid	x Parathyroid	Smooth muscle
3		0.83	6.35		2.00	81	358.33	9 Ear	Eya	Persthyroid
4		16.05	5.52		0.00	12	370.5	370.52 Umblical cord	rd Smooth musc	c Synovial membrane
3	AA459292 25.06	0.0	2505652.36		0.00			Germ Cell	Stomach	Umbilical cord
4		4.25	5.48		0.0	e	56.6	56.61 Trachea	Omentum	Lymph node
4	4A448194 9.20	0.73	12.58	8.00	6.00	v	354.6	354.65 Foreskin	CNS	Heart
4		2.88	34 82	0.00	8	12	39.8	39.67 Esophagus	Synovial mem	The Parethyroid
-4	AA490267 9.40	1.88	5.01	0.00	8	7	213.00	213.06 Luna	Adioose	Lymoh
-4	_	2.62	18 65	16.00	9	5	247.58	8 Brain	Pancreas	Breast
S		0.13	190.80	9.00	6.00	9	216.1	1 Luna	Heart	Color
o	H50549 458,30	18.11	25.87	10.00	8	=	124.08	,	Parathyroid	Thyroid
ð	170057 92.14	9.10	11.30	0.0	8	4	404.1	404.13 Small Intestine, ymph node	net.vmph node	_
- 43	AA588836 60.80	8.66	7.03	6	000	13	317.34	317.38 Cervix	Synovial me	
ŧ										

Page 1 (of 118 pages of Table 3A)

158.81	5.48 0.55	28.98	17.00 8.00	0.00 0.00	ю	430.32 Eyo Smooth Tusc	Brain sc Thyroid	F 28
	3.52	32.46	18.00	6.00	Q	648.15 Larynx	Ear	Bone
	9.95	13.12	5.00	0.00	,	Peripheral ner Eye	rer Eye	Pooled
- •	6.58		8.6	8 5	~ ~	135.02 SKin	S E	E-Br Maincle
. •	97.0	15.53	9.00	8	•	Germ Cell	Placenta	LID not found
۳	1.62	5.12	1.00	0.00	•	0 Plecente	Tonsil	Testis
٠.	2 2	46.66	000	9 6		Adrenal glai	Adrenal gland Pancreas	Testis
	2 2	7. 8	3 2	8 8	-	897 77 Pool	I D not four	Other
	5.	47.78	3.00	9.	. 60	147.86 Adiposa	Stomach Parathy	Parathyroid
	191	6.53	2.00	0.00	ō	435.35 Esophagus		Agrenal gland
	<b>7</b> , (	10.18	3.0	9.0	=	54.46 Breast	CNS	- S
ń -	3 6	5 F	3 9	8 6	71	309 46 Fve Synor	Syndrate Brood	Dioxod Thyroid
-	3 =	10.63	00.0	000	:	707.84	Ear	Carvix
2	- <del>-</del>	8.76	1.00	0.00		Pool	Lung	LID not found
==	2	14,64	12.00	1.00	=	240.08		
2. 2		22.28	8.7	0.00	7 .	714.81		
5 6	<u>.</u>	69.38 6.95	8.5	8 6	۰ و	465.48	240	Š
		8 6	8.5	8 6		340.25 Impore	Ploat R	1000
9 4		27.29	8 8	3.00	-	Pool	LID not found Other	d Other
2.7		5.73	8	0.00	12	202.51 Foreskin	Pool	LID not found
4.09	_	11.87	3.00	0.00	55	208.39 Pool	LID not found Other	id Other
9.60		5.14	8 :	0.00	<del>-</del> !	727.12		;
0.98		38.41	8 9	0.00	Z -	222.36 Heart	Pool LIDE	LID not found
505		19.63	90.5	8 6	- 21	309 46 Fve	Synoxial mem Thysoid	in Thyspid
1.33		8.5	8	000	:	Nose	Larynx	Lymph
3.01		1.	<b>6</b> .00	0.00	16	361,71 Pool	LID not found Other	nd Other
99.	_	108.95	22.00	6.00	~ !	198.97 Larynx	Stomech	Pooled
	<b>.</b>	15.99	80.6	9 9	7	247.33 Synovial mem	em i hyroid	Parathyroid
- 7	2 2	8 2	8 8	000	P 60	151.95 Smooth musc	. D.	Parathyroid
-	92	40.77	8	2.00	11	307.38 Esophagus	Synovial mem Prostate	am Prostate
2	86	13.21	<b>9</b> .00	1.00	11	70.89 Umbilical cord Nose	ord Nose	
<del>-</del> -	8 5	8	0.0	9.0	,	Eya	Parathyroid	Muscle
ē,	2 2	g (	0.0	0.00	۲,	43.14 Ovary Umbit	Umbilical	Umbilical cord Foreskin
2 5	2 -	36 7 36	3 5	9 6	n		Synoxial men Smooth muse Thymus	Sibriach C Thymus
ċ	2 0	A55.36	90	9		Perioheral per Riport	ner Blood	Stomach
7	. 2	6.74	6.	0.00				
£.	-	15.70	2.00	000	7	180.44 Pancreas	Whole embryoBreast	yoBreast
-	•	6.79	2.00	1.00		Whole embryoOvary	ryoOvary	Brain
	_	7.22	00.00	2.00	×	238.85 Lymph	Stomach	Colon
2.2	_	5.13	1.00	0.00	7	339.39 Tonsil	Germ Cell	Spleen
3.67		5.47	0.00	9.1	5	421.81	Colon	Adrenal gland
0.9		10.08	6.00	4,00	11	126.91 Adipose	Colon	Kidney
3.5		9.81	2.00	0.00		Smooth Tursde	rscle	Ear
N	54	39.40	2.00	6.00	9	117.99 Lymph rode Lymph	e Lymph	Small intestine
4	780	5.47	000	1 00	. 2	170.9 Adipose	Thomas	Thyroid
•	3.99	19.12	00.6	2 60 5	و ځ	547 86 Cervix	Lymph	Tonsil
	33 66	5.48	3.00	0.00	=	299.09 Bone marrow		
	04.33				:			
	1.55	5.76	0.0	9.1	; e	54.54 CNS		Cervix

Page 2 (of 118 pages of Table 3A)

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	Lymph	Thyrodd	Liver		Bone	Umbilical cord	Protect	Stomach	LID not found	Whate embryo	Blood	Eye	c Nose	Small intestineUmbilical cord Head and neck	Tonsil	d Tonsil	Adrenal gland		Ovary	Skin		Skin	Thyroid	Bone	Lymph	Umbilical cord	Spleen	Brain	Bone	Stomach	d Other	Pancreas	Bone	E ST	Aorta	m Liver	ic Nose	Germ Cell	i	d Oiber	lonsul .	a Cina	Pantrage	Smooth mesoda	Toneil	d Other	<u>.</u>	Cervix	Spleen	Germ Cell	d Other	d Other	Whole embryo	Thyroid	Longi
	/ Omentum	c Adipose	Germ Cell		a file	Stomach	BOSON SNO	re-Aorta	8  8	Lung	Tonsi	Pooled	c Head and ne	neUmbilical con	Breast	Heac and nec Adrenal gland Tonsil	dCervix	Spleen	Pencreas	Esophagus		mLarymx	Perethyroid	Ulerus	Blood	Thyroid	d Blood	Aorla		-	LID not found Other	er Nose	CNS	neThyroid	Tonsil	Synovial mem Liver	id Head and ne	CNS	:	LID not found Other	8	LID not toung Other	Thomaid	er Placenta	Rlood	LID not found Other		Воле	Muscle	Breast	LID not found	LID not found Other	_	Foreskin	
	Bone marrow Omenturn	115.45 Head and nec Adipose	Skin		Synovialme	Aorta	455.47 Ricord CNS	465.94 Small intestineAcrts	340.51 Colon	401.99 CNS	271.74	22.79 Blood	56.09 Smooth musc Head and nec Nose	32.24 Small intesti	Blood	Head and ne	29.93 Umbilical cord Cervix	432.31 Larynx	88.85 Skin	Nose		351.05 Synovial mem Larynx	124.08	373.9 Nose	552.97 Aorte	104.78 Neural	Adrenal gland Blood	-6.29 Ignore	644.84 Gall bladder	312.05 Cennx	293.88 Heart	510.47 Peripheral ner l	419.63 Spleen	Small intestine Thyroid	410.77 Breast	475.25 Esophagus	77.48 Adrenal glar	107.35 Hoard CNS Germ	360.96	80	281.64 Pooled	140 67 FIRCENIA	16.54 i avon	487 28 Perioberal ner	213.64 Pooled	541.66 Pool	529.62	Brain	278.88 Tonsil	484.07 Pooled	P <sub>00</sub>	Pool	252.13 Placenta	185.45 Parathyroid	331.17 Epidikiymis
		-					•	•	, ž	5	4	18	•	8			Ø	•	-			×	=	5	-	5		Ø	-	5	_	^	Ξ		თ	12	×	8	2	:	< ;	5	<		. <del>Ç</del>	1	5		44	~			-	ð ;	-
ĕ	1.00	1.00	3.00	1.00	1.00	2.00	8 6	9	00.0	00.	6.00	<b>4</b> .00	0.0	0.0	0.00	8.	6.00	4.00	5.00	9.9	9.	0.00	1.00	6.00	9. 00.	00.1	00.0	2.00	0.00	000	2.00	9.00 9.00	5.0	000	9.00	0.00	8	8	9.00	3.00	000	9 6	8 6	8 8	9	000	0.00	0.00	0.00	0.00	0.00	0.00	1.00	9.6	0.00
Table 3A	2.00	9.	00.6	00.0	0.00	3.00	8.6	00	8	2 00	9.00	5.00	1.00	2.00	8.00	8.4	7.00	8.8	0.00	7.00	8.4	8.	3.00	6.00	9.1	13.00	6.00	6.00	2.00	1.00	9.00	9:00	3.00	1.00	8.00	9.00	2.00	0.0	9.00	0.00	9 5	3 5	3 2	8 8	2 00	200	12.00	1.00	5.00	14.00	2:00	9.00	00.0	8.8	3
	5.31	5.44	73.43	5.01	9.10	5. 5.	2002	24.86	6.20	632	28.78	9.28	5.10	8.35	10.01	8.15	326.04	27.98	7.25	15.96	6.47	6.54	15.15	17.14	6.21	23.90	8.83	18.44	29.30	5.29	22.44	68.66	6.97	8.82	8.85	7.68	6.04	8.88	43.45	60.49		40.04	5 48 A	49	175.88	8.46	9.88	5.86	8.18	162.85	6.73	9.58	5.04	5.74	0 0 0
	5.77	89.6	3.89	15.18	9.28	5.18	5 6	0.41	20.28	19 91	4.0	0.55	15.72	105.97	1.47	2.22	0.10	4.78	3.02	1.0	27.18	200.97	33.64	0.92	6.62	105.95	5.65	0.64	6.77	2.56	2.63	0.55	0.95	38.7	0.59	12.67	4.45	1.57	3.21	60.4	7 7	7 0	6 6 6 7	10.4	0.21	10.97	2.20	1.27	10.60	0.05	7.14	1.90	4.81	3.94	14.10
	30.62	52.55	283.04	76.01	84.20	49.38	30.02	10.08	125.75	125.83	12.79	5,10	80.18	884.89	14.80	18.08	32.60	133.81	21.94	15.96	175.02	1313.79	509.65	15.82	28.71	2532,12	50.25	11.87	188.25	13.58	59.04	37.77	9.46	341.41	3.26 3.26	97.31	30.92	13.87	100.04	247.62	80.9 60.00	20.05	j 6	30.60	37.52	70.93	21.73	7.55	86.73	9.48	48.05	18.22	24.23	22.61	34.3
	170098	A446662	H77766	AA485626	AA465611	AA401236	AA453175	AA167222	R95132	AA441935	AA481227	AA425757	AA287404	AA487370	H92821	R08935	W45690	AA487215	AA452753	AA158990	N58107	T67270	H60549	AA486728	N52646	AA487812	AA481076	AA463452	AA457178	AA457038	H16637	AA188155	N50808	H65678	AA459247	H94469	T69767	H81010	KBSBOA	R16598	H6335/	K66219	RAFA	H51765	H03208	R83407	N73551	AA410207	T97215	AA125825	T83558	R96525	R78509	W32884	61070
	Hs.183556	Hs. 75528	Hs. 2687	Hs.172573	Hs.78829	Hs.184045	Hs. 193163	Ha. 207803	Hs.186543	Hs. 96944	Hs.97495	Hs. 19699	Hs. 320	Hs. 180224	Hs.104640	Hs. 100555	Hs.68151	Hs.75950	H\$,149957	Hs.80680	Hs.2257	Hs.29797	Hs.118863	Hs.75350	H8.8127	Hs.2064	Hs.79076	Hs.154879	Hs.77890	Hs.172813	Hs.109225	Hs.11638	Hs. 108043	H8.119222	Hs.78354	Hs.164352	Hs.146812	Ha. 173515	H8.205337	Hs.118786	HS.13012	75.26704 Un 101669	He 183583	He 116500	Hs 21738	HS 748	Hs.52463	Hs.117977	Ha.98C0	Hs.33412	Hs.210058	Hs.33433	Hs.82287	Hs.154050	13.190350
	80910	783629			814792				198694															641203				-				626502			814460			241003					154482					-				-		321580	
	482	483	\$	485	466	Ð	6 6	9	Š	205	5	519	521	522	523	524	525	530	533	535	537	541	£	553	558	5	562	563	36	266	569	57	572	573	578	576	577	. S	Š.	283	8 8	8	3 8	9	615	919	624	629	630	632	846	3	653	655	ž

Pane 3 (of 118 pages of Teble 3A)

LID not found	JD not found Other	Eye		·	-	Gall bladder		_	_	•		Parathyroid	Aarta	found Other	Lymoh	_	_		Placenta	Colon		Uterus	ell Heart	Umbilical cord Spleen	I mem Skin	Whole embryoBlood	Pooled Tonsil	found Other	Committee of the Adjustice	Switchest Sylventing Company Small interior and nec Panchas	Pool	gland Aorta	Skin Stomach	Stomach Prostate	I mem Uterus	Slometh	Count Other	Placenta			Spleen	Pooled Blood Stomach	nd nec Pooled		dder Colon	Aorte	Bone	Ovany	Complete		-	
20 s		Ulerus	Aorte	Pancreas	Synovial mem Adipose	Synovial mem Ear		Placenta	Prostate			PLE		LID not found		Synovial mem Gorm Cett	Cervix		Smooth musc Bone	Stomact	Small intostineGall bladder	Prostate	Germ Cell	Cabilica	Synovia	Whole e	90 i			astinaHaadar	Blood	Adrenal	Skin	Stamac	Synovia	Stomac	110 and found	der Colon	der Adipose		Brain	Blood	ostineHead ar	Adipose			Aorta	Breast		Small intestineStomach		
	662.55 Pool	588.46 CNS	Skin	688.26 Marrow	89.63 Synovial		665.58	27.42 Thyrold	562.94 Skin	Adipose	Foreskin	Adrenal	Thyroid	Pool	Bone	235.28 Synovial	743.24 Foreskin		Smooth	231.59 Cervix	238.33 Small int	Eye	Pooled	198.24 Liver	Ignore		555.11	P.00	- Canal	620 47 Small infasti	Pooled	165.81 Spleen	Larynx	243.89 Ovary	164.62 Blood	497.42 Inyroid	293 RR Head	512.62 Gall blac	67.01 Gall bladder	297.61		Pooled	Small int	130.74 Thymus	490.97 Skin	431.76 Stomach	413.8 Neural	Larynx	204.24 0.42	Small in		
	-	9		r	€		_	22	-							Ŧ	-			8	×			e			4			- •	•	18		5	<b>v</b> :	₽ •	• -	. •	÷	g	<b>5</b>			2	•	<b>.</b>	ø	,	• :	2		
6.00	0.0	5.00	90.	1.00	0.0	6.00	1.00	0.0	1.00	0.00	4.00	000	200	5.00	000	2.00	3.00	0.00	0.00	0.00	2.00	0.00	0.00	1.00	6.00	4.00	0.00	0.0	0.0	200	00 %	0.00	1.00	9.00	3.00	8 6	8 6	000	2.00	0.00	3.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	86	3 6	6.00	,
9.00	8.	0.00	8.00	0.00	5.00	22.00	8	9.00	0.00	8	200	8	8	7.00	2 00	8	6.00	9.8	1.00	8.	8.0	3.00	7.00	0.00	9.00	8.00	8	8	8 8	3 5	8	8	<b>7</b> .00	8.	8	B 5	8 8	2 00	9.0	8°.	19.00	9.00	8.9	7.00	<b>6.</b> 00 €	8.5	97	2.00	3 6	3 6	6.00	;
43.76	37.50	12.01	10.36	5.39	5.49	193.97	20.5	8.08	5.85	6.73	9.82	8	25.44	109.20	6	1.4	11.02	12.82	5.79	6.36	5.44	6.39	15.32	5.05	84.54 24.54	9.51	7.05	5.23	5.31	9.50	17.68	10.47	117.13	15.77	6.63	7.95	55.47	5.60	225	9.53	31.01	24.05	7.83	13.30	12.28	5.99	2959472,73	:	5.0	18.47	24.66	2
1.30	9.0	2.36	6.80	9.74	9.32	9.	5.27	2.33	9.13	1.10	0.88	3 03	0 22	800	2.83	2.73	0.82	5.82	11.17	2.27	2.79	3.86	6.31	2.67	0.10	0.89	5.39	6.95	27.09	24.74	8	5.63	1.70	2.38	0.55	2.28	5	4.19	8	14.74	1.77	0.34	13.19	6.04	7.50	2.97	0.00	22:	5.45	3 5	0.3	
56.03	31.55	28.39	71.43	52.55	34.68	183.97	26.47	20.22	53.41	7.42	8.79	18.16	5.57	10.25	39.23	19.74	9.03	78.47	64.73	14.41	16.17	24.67	81.35	13.49	9.45	8.48	38.01	46.78	143.72	A7 021	17.88	59.00	199.28	37.57	5.46	18.16	55.47	23.49	22	140.50	<b>3</b> .	8.26	92.77	80.28	92.82	17.80	29.59	138.83	68.46	27.97	, c	:
R84375	N72518	N91307	H71092	AA131464	AA459310	H23235	N47468	N77817	AA41974	AA453498	T74192	N70492	AA458959	H89795	NSB163	W47350	AA233650	AA454681	R63694	R96941	AA425655	AA045481	AA035620	T71782	AA464862	AA054757	AA459213	H90355	R78740	0041140	4424747	H18454	H08564	H62387	R19956	W65481	H07071	R79082	H25546	R61674	R17717	AA464470	AA019459	R 10896	AA484600	AA418077	AA233339	AA456183	N20738	AMASSES HG6235	AA047803	
Hs. 187652	H3.33446	Ha.38022	Hs.91532	Hs. 13094	Hs.8518	Hs.74815	Ma.41073	Hs.6688	Hs.21922	Hs.8578	Ha.64016	Hs. 15108	Hs 8740	H* 178003	Hs 92071	Ha. 17466	Hs. 62283	Hs.5011	H8.92145	Hs.70704	Hs. 100293	Hs. 124751	Hs.113368	H8.9795	Hs. 172924	Hs.30303	Hs.91728	Hs.41392	Hs. 193102	He 155191	Hs 74081	Hs.86948	Hs.75725	Hs. 102171	Hs.73793	Hs.2128	He 109225	Hs. 79005	Hs.181062	Ha.206554	Hs.63984	Ha. 159637	Hs.82643	Hs.30888	Ha.78070	Hs. 79022	Hs. 197260	Ha.75564	H8.163295	Hs 85148	H3.1680	900
94587	245517	282522	211800	503737	810923	52098	220	783	2718	795382	35097	298384	198	240318	247835	(225	666169	809645	138885	0402	773220	487929	359933	120	810083	8025	4270	1355	143910	5145	8204	542	45544	236333	1778	342378	7,073	16123	161456	607	083	0445	52853	129146	2962	767765	6639	509494	000	760407	380245	2

Poon 4 (of 118 pages of Table 3A)

Page 5 Int 118 pages of Table 3A)

		91.6																																																							
	d Other	sc Synowal membr	LID not found	Skin	Whale embryo		Adrenal gland	d Other	d Other	Ovary	d Other	d Other	d Other	Bone	d Other		d Other	Cervix		Lymph	d Other	-	Heart	Breast	Pool	LIO not found		Esophagus	Lymph	Thymus	neGall bladder	Eye		CNS	Cerix	•	Cung	Uterus	CNS	Colon	;	Logo.	Spieen	Ey8	Foreskin	Adipose Adria	ec Germ Cess	Breast	Testis	Pooled	Prostate	Head and nec Foreskin	Synovial mem Pancreas	Whole embryo	ر مرور د د د د د د د د د د د د د د د د د د د	Gall bladder Aorta	
	LID not found Other	гд 5тоогр тиз	Brain	Adipose	Pooled		Cervix	LID not found Other	LID not found Other	Tonsil	LID not found	LID not found Other	LID not found Other	Ear	UD not found Other		LID not found Other	Lymph		Sc Thyroid	LID not found Other		Blood	Heart	Heart	Coto		Nose	Sc Tonsil	Adipose	rd Small intest	Gall bladder		Stomach	ad Breast	Lymph	Stomach	Placenta	ecCervix	Thymus		Prostate	ovary Ovary			-	Head and o	Stomach	Lymph Gift	CNS	_	_		Cteres			
	Pool	370.52 Umbilical cord Smooth musc Synovial membrane	<b>2</b>	Larynx	83.98 Ear	187.02	Aorta	245.06 Placente	P00	362.95 Ear	429.02 Pool	<b>P</b>	8	667.01 Cervix	135.79 Paol	467.75	473.2 Pool	247,44 Aorta		Smooth muse Thyroid	334.17 Pool	578.78	Thymus	41.44 Lymph	Color	Cund	444.45	101.95 Neural	Smooth musc Tonsil	Larınx	187.91 Umbifcet cord Smell intestine Call bladder	164.64 Pooled		501.78 Pooled	591.55 Umbilical cord Breast	287.46 Pancreas	480.32 Cervix	728.84 Thyroid	453.79 Head and nec Cervix	405.01 Lymph node	423.94	CNS	668.45 Liver	397.89 Ear	71.55 Gall bladder	Gall blacker	evougi G	Pancreas	Eye	607.98 Eye	District Ingrare	554.6 Bone marrow	61.77 Larynx	277.53 Ear	22.62 Skin	210.76 Epididymis 557.95 Adipose	
		7			×	0		×		16	11			-	<b>±</b>	8	12	5			80	s,		=			12	=			9	'n		9	ဟ	s,	16	en	7	16	16	,	rv :	12	4				,	N 1	-,	~	9 :	×	<b>=</b> (	n <b>-</b> -	
<b></b> ≰	0.00	0.00	0.0	0.0	2.00	0.00	0.0	<b>9</b> .00	0.00	00.0	0.00	0.00	3.00	0.00	0.00	00.0	2.00	0.00	00.0	0.00	00.0	2.00	6.00	0.00	6.00	200	000	0.00	6.00	0.00	2.00	00.1	1.00	0.00	1.00	4.00	1.00	3.00	0.00	2.00	0.00	0.1	3.00	2.00	0.00	200	7.00	4.00	6.00	6.00	9.0	2.00	6.00	4.00	6.00	2.00 0.00	
Table 3A	2.00	5.0	2.00	1.00	4.0	3.00	9.	9.00	7.00	2.00	13.00	2.00	2.00	3.00	2.00	4.00	5.00	1.00	5.00	3.00	1.00	9.0	8.8	2.00	23.00	9	11.00	8	8	8	20.00	3.00	0.0	14.00	8.	20.00	0.00	8.90 9	5.80	8.	1.00	3.00	8 9	8.0	2.00	9 6	3.00	3.8	9.00	5.00	9.0	17.00	9.00	8.00	7.00	5.00 5.00	
	6.11	6.74	5.94	5.14	10.65	14.77	5.79	18.64	19.96	9.29	2.4	7.05	10.62	15.00	7.13	11.39	8.58	9.88	8.44	6.20	5.57	9.44	139.04	6.48	88.02	8.43	16.67	10.72	20.41	11.59	100.88	7.67	7.06	19.61	9.03	36.22	7.04	14,64	9.71	19.47	5.31	7,58	115.33	13.08	7.13	0.7 0.7	15.88	23.67	816.14	2 :	6.37	38.02	195.64	22.73	147.10	6.89 9.68	
	6.13	15.02	5.80	11.50	5.16	2.82	2.97	3.31	0.89	5.09	1.10	2.41	5.45	1.95	7.74	3.99	2.21	1.59	1.00	7 49	3.26	1.00	0.10	3.75	00.1	0.62	1.59	10.69	0.68	2.22	7.58	67.01	7.93	99.0	1.00	3.44	31.85	7.81	3.52	00.1	9.46	1.52	0.5	8	15.07	, X.3.	1,65	3	0.1	0.24	9.6	2.22	0.10	2.13	0.10	17.60	
	37.43	10), 20	35.08	59.04	55.01	43.18	17.18	61.67	17.84	47.23	27.09	16.98	57.86	29.19	55.16	45.38	18.96	15.85	8.44	46.49	18.15	9.44	13.90	24.28	88.02	5.20	26.43	114.59	14.05	25.72	764.58	82.72	55.95	13.03	9.03	124.44	224.35	114.28	34.15	18,47	44.90	10.02	115,33	13.08	107.40	15.92	28.17	83.92	67.23	95.5	6.37	86.60	19.56	48.4	14.71	121.27	
	R99288	AA487569	N75729	H59048	R26977	T80360	R53891	R53900	R07998	T84938	N77203	W02639	R93153	W95063	N77223	H20138	H75490	R22439	FCB7777	H51003	W04369	R92609	H97000	N55492	VVD3754	VV07690	R45056	T97583	W68291	N69204	W67174	H94897	AA427688	AA250730	AA428749	AA463B10	AA112860	H48097	AA408420	T53775	R52789	N52474	H79047	AA458321	N52293	W02265	N31487	AA490462	AA477514	H52141	K94 153	188381	AA486138	AA451869	R88242	R78725 T50633	
	Ha.35152	Hs.76935	Hs 184264	Hs. 179940	Hs.27695	Hs. 189742	Ha. 169400	Hs.204336	Ha. 18628	H <sub>3</sub> .9552	Hs.35100	Hs. 183696	Hs. 174321	Hs. 5298	Hs.207884	Hs 173206	Hs.204150	Hs. 8752	Hs.21247	Hs 101150	Ha 50669	Hs. 174142	Hs. 169392	Hs.47974	Hs. 188543	Hs.116050	Hs 63572	Ha 103804	Hs.169079	Hs.204062	Hs. 74487	Hs.82837	Hs.173902	Hs. 156195	Hs.91565	Hs.1142	Hs. 195890	Hs.4934	Hs.203862	Hs. 9661	Hs. 198079	Hs. 1915	Hs. 194801	Hs.85112	H\$.169998	Hs. 18426	HS. 199172	Hs. 118397	Hs.96247	Hs.32309	H8.78877	HS.139851	Hs.76159	Hs. 95243	Ha.75108	Hs.92384 Hs.81972	
	1013 201207		1021 244329		1028 133303																				1134 297212								1170 770027													1228 295729		1235 823851		1238 180803				1251 786607		1256 144977 1257 77133	

(Ve and i i e pages of i and a sale

	Pancreas	Breast	Pooled	Breast	Muscle	Pooled	Germ Cell	Placenta	Aorta	Prostate		eNeural	Brain	Stomach	2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		Parathyroid	Colon			Aorta	Gall bladder	CNS	Placenta	Thyroid	Prostate	n Adipose	Po.	Placenta		Neural	Skin	Eye Manla carbon	Placents	UD not found		Piacenta	Other	Ulerus	Chicago			Whole embroo	•		1 Other	S Other	Pencreas	Other	Other	LIO not found Other . Head and ner Parathymid	1 ID act found	Ni 201 Oil
	Liver	Adipose	Pancreas	Skin	Blood	Tonsil	Skin	Thyroid	Uterus	Whole embryoProstate		Small intestine	Coton	Adipose			Foreskin	Cervix	Smooth musc	Ulerus	r Placenta	Pancreas	Gall bladder	Ear	CNS	Spleen	Synovial mem/	Foreskin					Z G	Rone	Brain		Воле	LID not found Other	Bone			TO not found Other	Parathyroid			LID not found Other	LID not found Other	Lymph	LID not found	LID not found Other	Head and ne	Pool and in	Ž
	96.8 Skin	Bone marrow Adipose	538.34 Slomach	523.34 Small intestineSkin	623.42 Smooth musc Blood		236.87 Larynx	227.72 Cervix	830.67 Ear	3.89 Liver		190.03 Bone marrow Small intestineNeural	253.29 Aorta	SOB 5 Larynx	Umbilical cord.	250.6	398 99 Neural	25.02 Peripheral ner Cervix	580.59 lanore	Germ Cell	111.03 Peripheral ner	Laynx	477.78 Neural	149.23	Aorta	620.93 Stomach	44.94 Ignore	340.31 Eye	168.22 Pooled	115.14 Lymph node	588.45 Bone marrow	72.78 Epidldymis	367.45 GBII DIBGGG	356 29 Nosa	395.96 Pool	593.09	Stomach	8	594.95 Adipose	cas.ea chean	779 45 Pool	23.91 Post		292.28		213.26 Pool	Placenta	Foreskin	712.78 Pool	225.9 Pool	61.8 Pool 572.49 Lanux	27.43 (Allyll)	75.88
	2		-	. ~	-	6	8	12	4	4		4	= -	7	r	, <u>ç</u>	5 £	5 5	· ur	ı	~		ţ;	13		9	9	0	- :	ឧ		- ;	- 4	2 ×	<u> 2</u>	-			- 9	9	:		:	Ξ		2			-	7.5	<b>2</b> €	o \$	2 ∾
×	87	8	8	8	8	80	0.0	9:	5.00	8.	8.8	8	8	8 6	9 6	8 6	8 6	909	1 00	9.1	1.00	00.1	000	000	9.00	6.00	3.00	0.00	0.00	3.00	0.00	6 6 6 6	9 6	99.6	1.00	9.1	0.00	9:00	2.00	8 6	0.00	3 5	2 20	8	00:00	0.00	6.80	8	8	8 6	3 8	8 8	8 8
Table 3A	00'0	0.00	00.6	000	00.	8	1.00	8.00	12.00	9.00	5.00	8	000	9.0	8 6	8 6	8 6	8 8	000	000	8	14.00	2.00	8	9.00	9.0	8.8	9.00	8	8.5	38	0 6	8 8	8 8	8	18.00	7.00	9.00	17.00	3 5	8 5	8 6	8 8	2.00	14.00	2 00	9.00 6.00	0 0	9.1	88	5 E	3 6	2.00
	5.10	10.27	45.29	8.17	10.03	5.35	6.21	16.41	11.54	11.23	5.42	5.39	16.60	14.88	12.95	2 2	5.71	25.71	5 97	6.57	10.11	25.37	8.61	5,12	29.57	31.94	78.35	6.38	5.66	137.82	7.28	109.17	13.90	110.20	20.80	27.54	8.30	96.96	27.40	2 2	2000	6.4	7.67	8.78	15.65	6.09	22.97	5.90	7.85	10.47		6.0	5.92
	8	3.70	0.27	13.87	10.12	11.0	90.0	32.07	1.65	424	8.	5.67	о М	8.17	. 6. 6. 6. 6.	9 7	23.75	0.55	12.79	8	11.30	4 05	10.43	5.05	7.89	0.50	0.09	2.80	6.67	8	11.43	0.55	26.0		5.28	1.78	1.81	2.33	7,14	10.01	71.0	9 5	3.85	11.00	1.77	2.63	3.16	1.77	2.79	10.65	23.60	143	1.99
	5.10	37.99	12.27	113.30	101.51	46.90	18.85	526.18	19.08	47.66	5.42	3,0	0.40	119.85	114.61	1 1 1	23.64 24.64	14.14	76.39	6.57	114.25	102.66	89.81	25.87	233.32	15.88	7.42	17.89	37.77	137.82	63.13	8 8	62.29	13.60	109.68	49.08	17.17	142.25	195.52	8 8	9 5	3 5	28.53	74 75	27.74	16.01	72 54	10 45	21.87	25.54 26.54	13.20	133.20	 2
	158932	AA487797	AA292876	AA480830	770122	AA504351	AA456878	AA489569	AA452627	T60223	AA071121	AA487149	R11236	AA443302	W4/0//	A A D.78 & A.S.	AA454959	AA59884	T64526	AA453015	R70801	AA284668	AA489609	R36431	AA456585	AA598802	AA487197	H99544	N59738	AA521232	AA520978	AA598830	A44//165	N51018	R84407	H78134	R66924	H74032	N68465	40704	70007	D04748	T70612	R68514	H93819	R07066	R68245	171382	T81988	190369	H47297	1007	H47450
	Hs 155210	Hs.78224	Hs 92208	Hs.80475	Hs 12013	Hs. 75471	Hs.179718	Hs.23881	Hs.76252	Hs.169617	Hs.203603	Hs.78890	Hs. 14337	Hs.6838	M\$.1092/6	16.53460	He 194625	He 75227	Hs 109281	Hs.3254	Hs.19280	Ha.77274	Hs.183345	Hs.103329	HS.174130	H\$.119	Hs.84285	Hs.153445	Hs.93560	Hs.173466	Ha.28505	Ha.76307	H3.203914	M8.61692 Hs 821	Hs.200104	Hs.187787	Hs.28782	Hs.33565	Hs.21283	18.07.38	HS. 124650	He 477258	Hs 13781	Hs. 186530	Hs.187523	Hs. 19875	Hs.203316	Hs 13820	Hs. 13862	Hs 6455	Hs 189843	TS 110030	Hs. 177661
	1260 77577									1277 81417		1283 841263			1288 325070			1299 897987						1324 137236			1329 641292					1338 888305			1352 194656		1356 140301			1362 555						1403 126722	1404 137797				1424 193481		1440 193546

Page 7 (of 116 pages of Table 34)

Table 3A

	LiD not found	<b>8</b>	Blood	Other	ID not found	poyu	ympu D pot forme	Foreskin	ID not found	John	Gall bladder	Eve	Auscle	Blood	Uterus	Phyroid	LID not found	oreskin	pooled	Jens	Thyroid	Ciber	- <u>8</u>	Ciber	Ahole embrya	Jiens	Spieen	lestis	CNS.	Lymph	SVS	Stomach	Casan Casan	Kidney	Adrenal pland	Implication		Muscle	Lymph node	Uterus	Foreskin	Foreskin	Skin	Lymph	Perethyroid	Stomach	Ovary	Breast	Foreskin	Thymus	Gail bladder	Whole embryo	Nose	
	Prostate	embryo	Sc Bone B	ot found				Stomach Kidney				Synovial mem Brain	land	ner Testis E	2 Smooth musc Gall bladder L				<ul> <li>Adrenal gland Pooled</li> </ul>	Blood	r Smooth musc Thyroid	LID not found (	ryoHeart F	LID not found Other	Acrts	Prostate	Synovial men	_	Muscle Thyroid				18808			- Alexandra					Gall bladder		Larynx		Germ Cell		Lymph	Bone	-		Adrenal gland	Lymph Whole embryo	Cervix	
	222.62 Pool	347.35 Brain	231.83 Smooth musc Bone	500.36 Pool	Brain Grain	148.71 Umbilical oc	429.63 Ear	Stomach	370 09 Heart	I Bart	123.61 Noural		84.58 Bone	475.65 Peripheral r	437.82 Smooth mu	239.18 Peripheral r	416.26 Pool Brain	74.81 Lymph nod	bon Hqmy)	Foreskin		193 Prostate	638.71 Whole embryoHeart	Pool	271.39 Muscle	474.08 Kidney	291.03 Lymph node	99.09 Pooled	150.39 Musde	416.74 Umbilical or	682.13 Ear	37.19 Head and nec Cervix	Cerm Cell	Liver 26.6 Secoth m	526 17 Umbilital cord Brain	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	341 24	Foreskin	307.17 Umbilical cord Larynx	Slomach	417.73 Skin	40.71 Smooth musc Nose	351.05 Synovial mem Larynx	209.08 Foreskin	448.88 Larynx	465.65 Esophagus	247.42 Esophagus	228.96 Eye	471.01 Aorta	89.68	98.32	422.57 Thymus	371.2 Muscle	* 1.595
	m	-	2	ιń		15	φ;	=	41	2	•	,	4	14	. 69	13	11	15		,		8	7		F	m	ē	<b>5</b>	21	6	1	7.		ş	⊋ ►	~ \$	2 ≻	¢	11	:	o	٧	×	50	ø	12	Ξ	=	52	-	33	4	- 0	Þ
3.00	9.0	8.0	1.00	0.00	0.0	8.6	8 6	8 8	8 8	3 5	8 6	8 6	00.0	000	00.9	6.00	5.00	0.00	5.00	00.0	2.00	0.00	0.00	0.00	1.00	9.00	1.00	0.00	0.00	1.00	6.00	1.00	2.00	1.00	8.8	3 8	88	8 8	000	8	8	8	0.00	9.00	9.8	8.	8.0	8.	8.0	9.0	0.00	0.00	8.8	3
1.00	50	3.00	0.00	2.00	13.00	1.00	9.00	8.6	9 6	9 6	9 6	3 9	8 6	3.00	00.6	8.00	9.00	1.0	7.00	1 00	0.00	2.00	1.00	9.1	9.0	8.	8.8	6.4	1.00	1.00	7.00	3.00	00 <b>0</b>	8 9	006	00.1	3.00	00.6	001	00.6	006	00.0	1,00	7.00	9.00	0.00	5.00	3.00	1.00	2.00	2.00	5.00	15.00	7.70
65.11	6.46	7.55	5.17	6.87	15.18	5.14	20.86	12.00	255 54	6 24	4 6 6	06.4	5 S	5.87	37.85	763.09	9.98	5.45	8.61	5 18	8.50	6.27	5.82	5.23	6.52	13.56	<b>3</b>	15.20	5.42	7.33	55.65	11.39	7.79	7.25	48.57	12.26	06.7	84 71	55.	582.57	15.98	6.55	5.65	68.12	42.59	8.05	7.71	10.92	9.56	6.53 53	5.62	11.66	12.14	0.00
0.19	9.66	3.25	5.52	5.57	2.28	41.55	0.33	.0.	200	0.0	70.1	0.0	2.07	18.84	0.37	0.36	4.05	16.18	99'0	1.77	8.17	14.83	2. 8.	2.18	4.28	0.39	109.48	0.42	13.56	57.07	0.38	9.	<b>1</b> .00	2.42	0.40	8	153.53	- c	63.25	0.12	640	2.83	229.93	0.10	8	10.49	17.25	4.42	4.32	9.44	26.69	1.19	<b>3</b>	CD.7
12.58	36.55	24.51	28.54	36.28	34.56	213.58	6.64	12.07	6.79	56.33	A.00	27.10	16.00 88.80	106.85	14.01	276.70	40.34	68.22	5.68	9.16	69.42	122.58	66.29	11.41	27.91	5.3	990.04	6.45	73.55	418.21	8.8	11.38	7.79	2.7	19.25	12.26	1120.62	20.0	474 63	28.68	2.0	18 52	1208.18	6.81	23.42	4.42	133.01	48.32	24.03	91.67	149.91	13.82	988	17.97
W33165	H90477	N58144	AA284291	H90490	N91317	N54914	AA453614	R25901	W80522	W69216	250/1	VY05442	AA007832 AA408333	AAASBAR	R08438	AA458483	NB9574	AA464531	H91631	N87822	AA485373	N54803	N77096	H51653	AA192553	AA037014	AA456616	H15077	R85213	H23421	H59620	H15111	AA437139	H68509	T99639	R25521	AA484034	N64628	AAM8357.14	H20743	B94222	196559	167270	H84048	R11698	AA430573	AA406285	H84113	AA458868	R39881	N80830	H12903	AA504682	AA431676
HS.55548	Ha 41407	Ha 13562	Hs 26706	Hs 41410	Hs.82571	Ha.75847	Hs.5480	Hs.92576	Hs.98413	H8.92848	Hs.84795	H8.77.33	Hs. 6139	H8.36362	H 7710	He 182371	Hs 205260	Hs.14317	H&41514	Hs. 5884	Hs. 9948	Hs. 167839	H3.41656	Hs. 160988	Hs.101337	Hs.83874	Hs.76194	Hs.203928	Hs.180586	Hs.99858	Hs.56205	Hs.78853	He.98938	He.76800	H8.91142	Hs.7912	Hs. 184108	HS. 76480	H8.62143	78032	Mr 24148	He 118778	Hs 29797	Ha.200542	Hs. 73818	Hs. 102497	Hs. 118724	Hs. 196692	Hs.31638	H8.79411	Ho.75544	Hs.198479	Hs.69855	Hs. 78531
1443 321773	1445 241475	4450 247814	1451 327245	1453 241497	1454 292542	1458 244637	1480 795442	1462 132549	1467 418185	1486 343737	1468 67067	1480 289442	1491 429468	1484 /35561	1490 /80003	1501 809603	1510 283510	1511 810510	1517 241677	1624 291623	1528 811028	1531 244323	1533 246276	1534 193811	1538 628529	1539 484641	1542 809578	1543 49344	1548 180520	1550 51981	1552 207266	1554 49464	1659 757381	1562 212021	1584 123400	1567 35271	1574 810617	1578 289978	1580 81382/	1016 6 590101	1500 31350	1500 123112	1594 68686	1598 249856	1602 25499	1603 770080	1604 754538	1606 223098	1614 810802	1622 26616	1626 202996	1633 43198	1634 839623	_

Page 6 (of 118 pages of Table 3A)

, and a	Adional pland Testis	Ear	Supplied man Marrow	neminemore n Gall bladder	-		_					· .	- •	Bone	. (			Serm Cell	Whole embro	Adrenal gland	Placenta	Hearl	Head and neck	Parathyroid		Pancreas	Esophagus				8		Aorta		LID not found	h Ulerus	Ø	-	_		CIO not toung	ID not found Other	ID not found Other	Comparation of the comparation o	Libraria Ciner				Smooth musc ronastin	CID not found	LID not found Other	found Other	Brain	.ID not found Other
books mem Blood	ğ	5	Sundaial	Cmentum Omentum	Peripheral nervous system	gland Muscle	Prostate	Blood		Adipose	dory Lymph	Synovial	Stomach Aorta	muse thyroid	ESB.81 Lymphinode Fancreas			Toneil			Bone		Larynx	247.33 Synovial mem Thyroid		Foreskin	8	Tansil	musc Placenta	528.46 Bone Ear	Tarrow Smooth must			Postate		musc		Breast	_			5					9							
Cumonia	Mary Disposed	118 93 Smooth		352 89 Anda	123.04 Peripher	317.13 Adrenal gland Muscle	603.72 Cervix	299.13 Tonsi	684.72 Cervix	678.51 Bone	247.42 Esopha	61.9 Musda	189.49 Stomac	diooms.	וקשלט ופיצכל	Dioyen:	70.01	ratus Tracher	284 36 Gall Marder		356.29 Nose	Germ Ceil	125.76	247.33 Synovia	63.22	217.43 Aorta	39.19 Umbilic	387.41 Stomach	485.38 Smooth	528.46 Bone	299.09 Bone n	Placenta	-0.61 SKIII	11.61 10nsu	Sezix Sezix	137.65 Smooth	Pool	557.16 Uterus	34.83 Stomach	219.65 Breast	237.47 Macenta	245.06 Brain	63.4 Breast	18 P. C.	8		130.31	134.44 700	218.11 Ear	434.43 Stomach	P. 1	697.77 Paol	Pcue	Pool
	;	۰ ؛	•	5	202	11	7	<b>\$</b>	-	4	Ξ	-	5	;	=	;	≏ :	2	•		×		=	12	7	8	g	s	€0 -	ω ;	Ξ.	•	₽,	đ		17		4		<b>o</b> !	<u>.</u>	×	Φ;	Ξ		;	<u> </u>	<b>4</b> (	2	2	•	m		
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;	11.49				22.0	68.14																																											120.7	28.07	18.9	8.58	16.3	0.40
•	AA421687		•	•	AA099394	_	•	_		_		_	`	•	•	•	_	•	AAGOGSCA	-	` -	_	_												185234 to D02168			2 W52188	•	_	_	10 R55406	ш.	_	_	3 R32665	_	<u>-</u>	_	_	•	4 R94808	_	_
	Hs.75801		HS 154654		13.70152			Hs. 1583						_	_	_	Ha.3446				13.134012 He #34		_			Hs.76391									Hs. 17526			Hs.24192		_	_		Hs.26438			_	_	_					Hs 101566	
	1639 738126	1841 45291	1644 782760	1646 897982	1649 510679	1843 241474	1654 843249	1656 824340	1857 128126	1660 795296	1683 754538	1654 297392	1888 774751	1687 814778	1688 841641	1669 668851	1673 33826	1674 810859	1676 950890	2004010 8701	1062 614010	4691 158162	1693 194384	1694 770868	1697 810057	1695 615542	1701 768168	1705 26811	1706 840865	1716 898092	1723 774071	1725 132373	1726 81599	1736 233547	1739 120634	1747 144797	1747 120531	1748 325375	1750 121577	1760 205715	1765 138059	1768 154789	1176 154785	1781 295283	1785 292207	1788 133534	1793 113488	1797 124090	1788 204545	1805 206094	1809 208769	1625 198578	1827 144670	1829 210710

Page 9 (of 118 pages of Table 3A)

Table 3A

CATACONARION         CATACONARION<																																												brane												
H. 12896         WAGEST         13 0         0.08         1733         4.00         0.00         178.44 Perel         10 not flowed from the fl	4	Commercia	5	Other	Smooth musc	Other	Other	Other	Muscle	LID not found		Olhar	<b>М</b> поје ешблу	Heart	Lymph node	Pooled	Olher	Oiher Oiher	P00	Oiher	Gall bladder	Utenus	Hear.	Pancreas	Other	Other	Lung	Placenta		Prostate	Skin	Ëa	Other	Prostate	Colon	Heart	Utenus	Pooled	Stomach	Thymas	Overy	Eye	Other	Synovial men	Eye	Parathyroid	Uterus	Pooled		Hear	Parathyroid	- Bood	Testis		282	Blood
He i i i i i i i i i i i i i i i i i i		3		LID not found	Neural	LID not found	LID not found	LID not found	Aorta	Pool	:	LID not found	Eye	Whole embryo		Adrenal gland	LID not found	LID not found	Ovary	Ş	Foreskin	Whole embryo		Pooled	LIO not found	LID not found	Thymus		Ę	Thyroid	Cervix	•	2	Foreskin	Poolod	Ovary	Nose	Centic Small interline	Umbilical cord	Gall bledder	Bone	Gall bladder	LID not found	Thyroid	Gall bladder	Spleen	Aorta	CNS	Esopuadas	Placenta	Uterus	Pooled	Stomach	Aorta	Gall plagger	Placenta
He 10877 He 10877 He 24.8 He 17.39 He 100 000 He 10877 He		726 84 0201		247 58 Pool	181 24 Peripheral ner	114.89 Pool	27.3 Pool	49.43 Pool	40.39 Nose			P00	468.65 Aorta	271.57 Adrenal gland	56.61 Trachea				93.95 Muscle	340.75 Pool	315.1 Neural	Stomach	53.15 Pooled	404 02	080	62.35 Pool	118.49 Small intestine	501.96 Pancreas	250.6 Breast	22.32 Synovial mem	86 29 Smooth musc	198.24 Parathyroid	34.75 Brain	596.98 Adrenal gland		381.57 Adrenal gland	81.14 Cervix	296.38 Ear 5.67 88 Parinheral nor	Synovialmen	405 47 Bone marrow	147.27 Head and nec	54.22 Foreskin				356.85 Aorta	Synovial mem	408.02 Synovial mem	MUSCIB	130.31 Aorta	339.21 Bone	247.64 Esophagus	337.49 Lymph node	294,3 Umbilical coro	330.81 ESODRADUS	SI'IN CHINIX
H8.129546 W485697 17.08 0.88 17.38 4.00 H8.141647 N778251 0.04.1 17.789 5.53 1.00 H8.141647 N778251 0.04.1 17.789 5.53 1.00 H8.161675 H65252 6.6.94 6.723 6.5.9 1.00 H8.16167 H652643 H65262 6.6.94 1.07 1.01 H8.162664 H65262 6.6.94 1.07 1.02 H8.16266 H000220 6.6.94 1.07 1.02 H8.16266 H000220 6.6.94 1.07 1.02 H8.16266 H000220 1.06.94 2.05 1.02 H8.16266 H000220 1.06.94 2.05 1.02 H8.16266 H000220 1.06.94 2.05 1.00 H8.16269 H000220 1.02 H000220 H100220 1.02 H000220 H000220 1.02 H000220 H000220 1.02 H000220 H000220 1.02 H000220		•	,	19	21	9	-	m	9	;	×		<b>v</b>	15	n	12		13	×	-	4		ю ;	-		o ·	œ	ur)	19	11	22	(D)	^	-		2	<b>2</b> :	≺ ^		17	×	CV.	10	=	~	N		7	;	15	_			- 4	p ;	77
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HS 122546 WASS67 HS 167277 M52211 HS 167277 M52211 HS 167277 M52211 HS 167277 M76522 HS 167277 M76522 HS 167277 M76522 HS 167277 M76522 HS 167262 HS 16727 M77622 HS 167262 ROUGES HS 167244 H52818 HS 167244 H52818 HS 167240 M72137 HS 167247 WAS 1672 HS 16724 M72137 HS 17142 M77237 HS 17142 M77237 HS 17142 M77237 HS 17142 M71422 HS 20290 H11442 HS 17942 W77223		9.60	17.89	11.01	7.23	6.9	8.10	2.47	1.26	2.05	4281	23.69	5.60	5.11	2.68	0.10	3.31	0.63	6.21	7.84	9.	3.08	6.5		1.67	5.20	2.61	35.37	6.90	<b>4</b> .44	4.15	8.75	0.27	3.98	0.40	13.22	8.56 6.56	3.33	0.32	11 66	8.90	2.17	1.00	12.33	4.00	1.00	8.35	1.55	0.38	1.55	5.63	1.52	B. 6	1.13	0.00	V. 16
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	100000	1600001	N52811	N77652	AA007509	H53262	R00220	R94840	H20045	R07661	H53878	R00588	N22980	W94120	N25425	N72137	H59938	H53920	R09890	H73321	N24824	R05823	47451	W45165	R85651	H78482	W88957	H79363	R70361	R89808	T72698	H82705	R56562	AA243828	AA457158	H05580	T98083	N66842	H08446	H27564	AA464627	AA458653	R31938	R33755	AA001444	AA484525	AA463458	W47073	H11490	H56158	AA290737	W77927	R53106	AMINEDOV	H11407	VV80200
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Page 10 (of 118 pages of Table 3A)

Uterus	Colon	Placenta	Breast	Germ Cell	Ear	Paoled	Thyroid	Hear	Gall bladder	Parathyroid		P80	Stomach	Larynx	Gall Diagger	erain Grafia	Poded	Sold Sold	3	Blood	Uterus	}	Pancreas	Placenta	Overy	Eye	Synovial memoras Synovial mem Whole emblyo	CNS	Ear	UD not found	CIU nat lound	Blood	١.	Heart			Poroskin	Stomoch	Pool	Placenta	Other	Whole embryo		_	Tonsil	700 10140	one.	Lymoh		
	Aorts (	Ī		<b>.</b>		Lymph Lymph	at gland	Eyo.	Umbilical cord Gall bladder	_	Ħ	=	Colon	₩OTIEL				1146	3	d Foreskin	Blood	2	d Thyroid	Thyroid	Ear	9	Synovial mem Synovial mem	Adipose	Larynx	Pancreas	100	Tonsi	Thyroid	c Placenta	Spleen	Lymph	Cell bladder	e de	Ulens		_	Testis	8	UD not found		I I now found	To all found Other	Nose		1
Small intestinePooled	405.23 Stomach	215.58 Uterus	293.03 Thyroid	500.36 Nose	627.1 Adipose	328.72 Larynx	118.59 Skin	165,94 Gall bladdar	298.39 Skin	18.56 Lymph node	242.74 Lymph	Umbilical cor	Adipose	137.28 Peripheral ne	62.32 Smooth muse Cervix	455.24 CNS	512.44 Smboth musc Thyfold	14.741 LYMDR	228.24	253.29 Adrenal cland Foreskin	172 24 Skin	87.54	252.77 Umbilical cor	310.59 Aorta Thyroid	69.22 Tonsil	-3.25 Smell intestine Eye	Feonbachs	241.66 Stomach	117.89 Omenum	299.61 Brain	271.39 Colon	12.07 Foreskin	17.79	726.84 Smooth musc Placenta	CNO	339.79 Germ Cell	ISUO CC CC	82.32 AGN3	223 16 Aorta	110.31 Parathyroid	102.82 Pool	277.06 Thyroid	453.26 CNS	356.18 Placenta	Adrena gland	245.05 Kidosu	726 64 Dool	241.3 Overv	53.56	20:00
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5.92	18.40	8.65	7.32	5.22	14.80	6.05	5.84 48.	45.6	7.86	8.73	5.76	7.26	5.74	7.78	89.96	7.58	7.38	30.35	<b>3</b> 1	707	0.03	63.90	5.25	5.29	44.87	18.96	5.16	5.28	14.27	9.14	144.21	23.05 70.7	136.33	11.38	79.7	10,47	9.48	40.4	9.7 3.7		33.47	6.77	18.34	5.96	5.87	32.09	<b>8</b>	10.09	3.15 8.00	3
2.96	4.32	9.0	9.17	6.62	9.16	8.68	11.81	10.71	10.16	3.67	187.57	3.36	14.62	38.22	0.10	1,14	4.81	0.31	0.7	g (	3 5	5 C	2.61	99.6	0.68	13.77	13.88	2 G	8	1.00	0.27	1.68 ar a	0.55	12 25	7.55	6.25	4.43	1.92	2.43	8 4	8	11.95	8,	1.00	8 30	8.8	2.25	6.36 8.36	70.0	Š
17.51	79.43	5.50	87.12	34.58	91.07	40.30	68.98	70.10	78.85	33 77	1080.62	24.42	83.89	297.27	8.00	8.61	35.52	9.28	17.93	239.26	9.03	25.54	13.71	51.15	30.58	256.80	71.52		14.27	9.14	38.62	27.02 27.03 27.03	2 2 2	139.42	57.92	65.43	41.99	27.88	18.92	34.46	33.47	80.67	16.34	98.9	48.68	32.09	144.43	84.38	94.33	00.00
HB5659	N75595	AA233079	H29407	AA598492	AA450205	AA487651	AA056390	AA598942	AA600173	AA481026	AA127116	R98532	AA459051	AA598670	AA449957	R52797	R65792	T67104	AA446748	AA084973	ASSEW.	AA149096	AA486849	AA588496	AA457047	AA487912	AA488681	282789	AA487837	H23202	AA088745	AA446147	AA491124	AA488721	AA521401	AA486969	R01340	R68626	H61530	W60/45	H47542	T90374	H71657	R69798	W76032	H78855	R69834	R94591	N65139	20000
Hs. 167835	HR 151734	He 102122	Hs. 78136	Hs.611	Hs. 8146	Hs.146381	Hs. 106081	Hs.76959	H <sub>3</sub> .80612	Hs. 199211	Hs.151604	Hs.21879	Hs.75189	Hs. 2055	Hs.154797	Hs.609	Hs.137005	Hs. 13041	Hs.208810	Hs. 160532	HS.16510	M8.89555	Hs 62661	Hs. 196331	Hs. 79123	H3.207016	Hs.74576	H8.1565	Hs.158164	Hs.74555	Hs.191435	Hs.74554	HS.106330	Hs.77356	Hs.979	Hs.82891	Hs. 184325	Hs. 28896	Hs.25516	HB: 44/68	Hs 33962	HB.176471	Hs.33973	Hs.29036	Hs. 107942	Hs.33977	Hs.206507	HB.185726	HS.182014	HS.181104
210862	289348	668885	52833	698138	789204	841352	509484	898032	950356	614636	511586	201168	814381	898262	788721	41650	140100	66594	784126	382773	340712	504544	323300	898148	815529	840600	2074 843110	407704	841340	52079	511816	780937	824024	841703	826077	640990	2113 124116	138455	205993	24.1621	2132 141455	2142 111004	2144 211758	141765	345423	2152 233289	3 142397	1 276286	2168 295866	

Page 11 (of 118 pages of Table 3A)

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	d Adipose	Prostate	c Spleen	Bone	Breast	Bun (	5	Testis:		Placenta	Small intestine		1 Other	1 Other	1 Other	Slomach	•	Other		Aorta	28 E8	a dela		Adinose	LID not found			Breast	Adipose	Muscle	o Ciner		-		Whole embryo	Cery	Brain	Whole embryo	8	Aorta	LID not found	CNS		:	Parathyroid	8	Luyroid Far	Foreskin	Lymbh	dLymph	Gall bladd	Lung
	Umbilical cord Adipose		Smooth musc Spleen	Prostate	Tonsil		Macenta	Lann	LID not found	Pool	Ear	Pooled	LiD not found	LID not found Other	LID not found		rBrain	LID not found	LID not found	Skia	Eye	LID not round Orner	Line of found	Ear	P801	Prostate	LID not found	Liver	Thyroid		City not roun	Polet	Parathyroid	Heart	dEsophagus	CNS	Parathyroid	Stomach	16031	Colon	Pool	Tonsil	Brain	:	n Tonsil	Bone	Foreskin Inyr	Policy	Cervic	CUmbilical co	Eye	Placenta
	Muscle	Breast	Bone marrow	Muscle	Gall bladder	<u>8</u> ,	i a	lanore	Pod	Whole embryoPool	147.98 Aorta	74.05 Adrenal gland Pooled	Pool	Pool	Pool	15.89 Lymph node	Peripheral ner Brain	Foreskin		Thymus	20	,	500	Head and nec Ear	Foreskin	Umbilical cord Prostate	Pool		Skin	Synovial mem-	100	40.00 CDGGGgirlis	i ji	262.02 Muscle	741.86 Umbitical cord Ecophagus	178.89 Smooth must CNS	437.67 Thyroid	312.71 Smooth musc	en indian	129.43 Cervix	Lung	Bone	557.16 CNS	:	130.57 Synovial mem Tonsil	260.05 Placenta	106.25 CNS 84.9 Gell Medder	705 24 CNS	Lavax	291.26 Head and nec Umbilical cord Lymph	Liver	Prostate
	38.45	141.89	105.91			137.73	218 27	126.99	357.75 Pool		147.98	74.05			352.04	15.89	242.09		469.28	;	671.44 UKIN	90 909	3				70.67	423.73	102.99 Skin	102.57		9	271.47	262.02	741.88	178.89	437.67	312.71	585 11	129.43		68.14	557.16	88.45	130.57	260.03	100.64	705.24	304.78	291.20	473.97	72.78
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	5.60	18.37	12.07	6.81	13.56	1.59	5.37	22.29	7.69	63.14	5.75	7.48	8.0	7.83	5.44	12.40	11.82	24.72	8.50	7.87	13.82	00.0	7.7.7	27.12	5.03	5.36	5,13	6.88	6.88	19.37	6.59	7.90 16.91	90.5	21.80	13.93	5.52	6.23	06.90	4 7 6 W	6.02	5.12	7.34	26.88	106.13	6.25	21.45	0.0 80 80	43.65	7.79	5.48	8.43	6.63
	€.03	336	13.70	30.54	2.38	1.48	 	2 5	3.20	2,12	30.82	1.00	22.73	7.30	4.51	0.94	4.70	0.50	7.02	20.83	1.09	2.5	5 5	6.27	4.26	1.00	20.51	3.67	2:52	0.30	5.37	4. C	8 8	6.51	1.00	7.38	<b>8</b> .	4.78	2.5 2.4 2.4	17.05	1,2	5.16	0.60	0.70	8.	2.35	F)'.	56.0	3.13	27.58	1.00	1.00
	22.59	61.78	165.37	201.83	32.24	17.13	80 ec	8 2	25.24	133.97	177.22	7.48	121.25	57.13	24.54	5.11	65.65	12.40	86.63	163.65	17.17	200	400 00	170.09	21.41	5.36	105.30	26.60	17.38	7.48	35.56	46.49	80.8	142.04	13.83	40.60	98 98 138	35.89	24.70	102.67	6.26	37.67	16.18	73.86	6.25	50.39	24.67	1 59	24.40	151.11	8.43	6.83
	R63811	R70318	AA025195	W21373	H91337	H47883	R06313	A 4 8 5 7 3 4	H93842	N71385	AA453275	AA459905	H93482	H54764	HS7859	AA147928	AA130183	N72009	N24581	N54244	N91202	AA264277	MRE17E	AA455497	N24645	AA620357	H68719	R10526	AA284235	AA484741	H73013	03/1/4	AA019774	W58092	N53172	H73714	AA489752	AA410680	K/0314	R45256	N78051	N50247	AA017341	H93087	AA464644	H62473	K17124	0.0233809	H59203	N38959	H69531	R32409
	Hs.113029	Hs 194021	Hs.3990	Hs.24930	Hs.29108	Hs.203678	Hs.77677 Hs 240077	He 183800	Hs.75932	H-80122	Hs. 108619	Hs. 10101	Hs,41895	Hs.116534	Hs.93221	Hs.182698	Hs.6168	Hs.206710	Hs.43230	Hs.20535	HS. 194637	52152	13.181.382	He 10511	Hs.117995	Hs.5009	Hs. 183872	Hs.93334	Hs. 16003	Hs. 143187	Hs.133137	TS:50505	Hs.6111	Hs.77889	Hs.23016	Hs. 166563	Hs. 79069	Hs. 198789	HS /5002	Ha.74407	Hs 126700	Hs 79877	Hs.94413	Hs. 181163	Hs 184585	Hs 78059	H8:63272	He 169300	Hs 69563	Hs 6456	Hs 75155	Hs 290
			365098				126229		242084					203302				290893		247582	292424	324510	415040	809719	268960	1030953	211859	128426	324703	810813	235173	190491	363590	341328	246786	214537	823691	723986	139116	22918										243343		
	2193	2.88	2197	2201	2204	2208	2210	22 12	22 13	22 14	22 19	2224	2229	2230	2238	2239	2244	2247	2251	2255	2257	522	3363	2264	2271	2275	2278	2286	2291	330	2302	9 6	2311	23 14	2315	2318	2320	2322	2320	2331	2338	2340	2354	2355	2358	2362	2262	22.20	2372	2376	2378	2380

Page 12 (of 118 pages of Table 3A)

Pool Placenta	Uterus	Spieen	Thyroid	Neural	oTestis	Adrenal gland		SKIN	MUSCIE			Brain	Bone	Tonsil		;	Skin	LID not found	Cung	Danie C	5	Whole embers	Blood	LID not found	d Tonsil	Placenta	d Pool	Adipose	Kidney	1 Cervix	одона	Lymph	Bone	Synovial membrane	venore embryo	Breast	Воле	Bone	Esophagus	Breast	Nose	d Bone	Gall bladder	UD not found	d Aorta	d Other	Pool	Prostate	UD not found	Lver	Muscle	d Other
ovar	Gail bladder	Adipose	mLymph	er Ignore	Whole embryo Testis	Lymph	E CBVR		Done 4 Arenol of a	ro Agrenal gland Ac Gell bladder	Anda	Thyroid	Adrenal pland Stomach	Uterus			_	Testie	Breast Forestin	inesion of	Charles Colon	Garm Cell	Germ Ceil	Pool	r Adrenal gland Tonsil	ard Thymus	Umbilical cord Pool	Gall bladder	Muscle	Synovial mar	Whole embry	Heart Lymph	Spleen	ord Eye	coco	Lung	Pooled	Ear	Brain	ner Adipase	Skin	em Umbilical cor	Skin		Adrenal glan	LID not found Other	lineTons#	Pooled	Lung UD not	Spleen	Brain	LID not fount
Kidney 63.71 Stornach		162.68 Thyroid	285.86 Synovial me	122.91 Peripheral n	115,13 Muscle	63.38 Eye Lymph	6/3.59 Gone marro	epon Lymph node	99 69 Hartistan borne Music	100 SE Head and the Coll Madden	570 96 Rhod	164.89 Eve	Adrenal gla		53.59	46.67	462.01 Gall bladder	Brain	457.11 CNS Breast	114.0 Uniquidal 4	ESTIDE Series France	AA OR Mirecle	Tonsil	165.59 Placenta	247.34 Gall bladder	364.57 Umblikes cord Thymus	58.61 CNS	373.32 Liver	46.49 Foreskin	247.33	592.03 Heart	CNS	272.86 Heart	45.2 Umbilical cord	27 C. C ECRIT	107 4 Adinose	290.05 CNS	496.43 Mouth	244.74 Kidney	726 84 Peripheral nor	Omenum	727.12 Synovial mem Umbilical cord Bone	Esophagus	319.85 Brain	104.49 Stomach		Small intestineTonsa		107.1 Pool	623 15 Stomach	CNS	457.41 Pool
-			ū	8	ю	Ξ.	• ;	₫,	٧ -		, <del>-</del>	. 42		е	1,	8	<b>6</b>	,	<b>a</b> >	<	ç	ō ţ	•	£1	Ξ	-	\$	Ξ	-	5	~		= :	2 >	< a	ş	4	-	61	e		-		12	Ξ			4	₽,	9		5
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6.60	11 08	18.17	999	26.46	5.06	5.86	25.95	5.29	5.0.	10.58 6.46	5 5	100	171.46	108.13	6.78	7.03	13.80	6.12	127.36	80.07	80.76	46.00	5.38	16.73	6.38	28	7.58	35.66	12.86	5.07	5.19	5.70	7.01	129.72	5.61	5.59	7.08	169,99	11.75	11.13	5.28	7.26	6.05	116.21	7.36	B.07	7.89	10.07	5.60	48.56	15.60	8.3
1.00	2.51	150	6.25	14.23	2.33	3.76	8.97	30.08	36.69	10.00	5	9 6	0.61	0.10	2.74	2.25	3.82	8	0.10	3 2	5.6	60.4	8	8	1.39	36.43	2.73	4.27	1.36	11.38	4.46	<b>3</b> 0.	28.61	8 G	77.	3 8	7.4	4.77	₹.03	2.37	21.98	1.00	8.95	1.34	18.43	3.84	11.83	3.13	5.18	2.37	1.75	0. 44
6.60	27.83	8.23	41.02	376.57	11.77	22.01	232.77	158.99	406.38	1/2.0/	5	22 60	8	10.81	18.56	15.83	52.07	6.12	12.74	00.07	10.90	276.C	8.38	16.73	8.84	214.81	20.72	152.31	17.50	57.58	23.17	43.00	226.61	75.07	4. Ju	65.5	33.37	810.79	47.31	26.37	115.58	7.26	\$1.48	155.65	135.71	30.96	94.18	31.47	35. 25.	117.48	27.72	15.24
AA455535 AA427724	H38383	H09065	N62588	T69926	AA447959	AA455003	AA598637	AA4552B	152894	AA486016 AA480600	N 20176	AA432023	AA598478	R99749	H56595	167053	R92281	H23310	K48232	A440309	AA304239	TROOTS	AA280137	H00592	AA261796	AA448037	AA256507	T72235	N7 1663	AA620477	AA598610	AA478585	R71440	AA464669	AA403231	H16389	R55105	AA490172	AA478589	H15842	AA017200	R40970	R70598	W00877	H75578	R06544	H95823	R94659	R14602	R08121	R89700	T90201
Ha.3210 Hs.78088	H4 82118	Hs.106674	H8.48576	Hg.146550	Hs.85524	Ms.89576	Hs.78150	Hs.82890	H8.90318	H3.66706	He 15 2837	Hs 6349	Hs.199200	Hs.155024	Hs. 194534	Hs.181125	Hs.63834	Hs.57707	H8.82001	PS. 13134	MS.09670	13.43 - Hr 480758	Hs 50840	Hs. 141142	Hs.24297	Hs. 184270	Hs.74520	Hs.76669	Hs.101840	Hs.75069	HS.79284	H8.167741	Hs.9930	Hs.7771	2000	He 199264	Hs 77501	Hs.179573	Hs.169401	Hs.75736	Hs.118797	HS 119007	Hs.107159	Hs.27281	Hs.91393	Hs.189781	Hs.174877	Hs.29334	He.53106	Hs.81086	HS.27788	Hs.15111
2382 813402	2387 190887	2391 46154	2401 292463	2402 81129	2403 760282	2405 811942	2408 897880	2409 810039	2410 68103	2414 843248	2418 924382	2419 782497	2420 898122	2421 201727	2422 231355	2424 66560	2425 198189	2428 51974	2429 153473	200000 0000	2431 023399	2436 9694	2438 712668	2441 149737	2442 685371	2443 785793	2445 682528	2448 55840	2453 295137	2456 951117	2458 698219	2459 753587	2460 142788	2471 810552	2472 /87059	2482 48886	2483 40562	2484 839991	2465 753610	2483 159608	2495 361097	2502 29063	2505 141854	2512 296552	2525 232899	2531 126355	•••		2553 128735	_	2550 167076	_

Page 13 (of 118 pages of Table 3A)

Other	Other	£ye	Adipose		LID not found	<b>6</b>	Pool	8 8	o di di	Danie Danie	Ē	. 0		Whole embou	Other	Adrenal gland	Acrenal gland	Tonsil				Other	Other	Eye	Germ Cell	LID not found	Spleen	Pancreas	Eye	Tonsil	Olher		Bone	Stomach	Breast	Head and nec Umbilical cord	Bone	Panareas	Smooth missile	Fva	5 d	Stomach	Аота	Ear	Thymus	Blood	Parathyrold	Pooled	LID not found	Stomach	Kidney	Adrenal gland	CNS	Spleen
LID not found Other	LID not found Other	Small IntestineEye			Brain	Smooth musc		Sionach	Library Cura		500	S K	Small intesting arathoroid	Blood	LID not found Other	Bicod	Head and nec Adrenal gland	ac Lymph		Testis		LID not found Other	LID not found	Pancreas	CNS	Pod	Ear	#CNS	Blood	Pooled	LID not found Other		m Pool	ar Blood			Heart Bone	Lympu node		Prenst	200	Head and nec Pancreas	Muscie	acte	Adrenal gland Thymus	Esophagus	Adrenal gland	Stomach Pooled	Pool	Gall bladder	Bone		Stomach	Whole embryoSpleen
-1.31 Pool	246.56 Placenta	626.75 Ear	289.66 Epicidymis	281.08	611.54 Pool	43.12 Gall bladder	367.64 Ovary	Adipose	19 19 Pm	3 2	S S	419 F7 School	126 97 Small intest	Bone	310.17 Pool		330.2	Head and nec Lymph	102.82	Неап		<u>8</u>	P00  -		Aorta	68.81	364.02 Aorta	678.46 Synovial me	267.97 Muscle Blood	22.25 Ear	14.7 Pool	627.13	122.49 Synovial mem Pool	Peripheral ner Blood	81.13 Thymus	298.29 Epididymis		C 0	437 34 Head and re	247.55 Neural	192 45 Marrow Overv	-12.1 Head and n	93.95 Foreskin	202.51 Smooth muscle	687.62 Thyroid	585.14	Stomach	421.12 Eye	306.36 Kidney	Pooled	637.79 Cervix	11.54 Neural	355.27 Adipose	138.07 Eye
-	12	•0	2	<u> </u>	-	2	<b>O</b>	ŭ	<b>.</b>	•		=	: 9	2	õ		<u>.</u>		4							17	12	•	o	4	82	7	ø		<b>-</b> :	×			,	. 0	ė ~	12	×	2	7	7		1,	17		~	õ	Ξ	ĸ
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28.66	5.64	5.33	5.62	7.18	7.19	6.9	17.50	3 6	 	2 4		12.22	25.17	8.79	7.88	16.22	7.38	18.04	27.81	6.24	7.77	5.60	6.39	6.25	5.59	15.58	5.40	18.20	7.20	1322.19	6 36	3.00	5.06	31.37	18.18	5.23	9.60		73.38	8.85	60.6	14.53	16.27	5.36	159.13	82.97	8.80	9.37	5.89	878.14	5.22	14.72	14.01	a.76
0.18	24.39	12.33	2.73	55.87	1.17	16.49	2.28	) E3	33	200	50.4		5 5	3.21	2.62	5.20	9.32	1.80	2.81	<b>%</b>	1.57	10.86	6.47	21.67	3.87	1.88	2.65	0.50	<u>-</u>	0.10	24.98	10.36	200	4 02	8	11.12	6. K		200	8	2 32	1.17	2.41	5.54	1.58	0.10	2.42	3.49	8, 10	0.10	12.06	4.59	9.	1.50
5.20	137.52	5.73 5.73	15.31	400.94	6.43	97.42	40.13	8. a.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	27.8	47 CO1	8.53	32.83	21.80	20.60	84.29	68.84	32.41	78.02	14.58	12.21	60.77	41,37	135.41	21.63	29.31	14.30	9.18	83.84	132.22	158.79	51.84	25.44	126.01	16.18	58.20	10.09	74.40	21.57	25.04	13.74	17,00	44.00	29.69	251.48	8.30	21.33	32.75	48.48	19.79	62.90	67.61	14.01	8.66
198077	R31428	N59690	T84633	N62695	R85014	H93552	1677797	102501 D04304	NYBOB	AA057073	H17880	NSORGE	T67515	N79222	N48139	N66278	AA026682	W93717	R91215	N80458	R11019	H54423	N91231	N69689	H65286	N53453	R76614	W51951	AA010065	W81570	R99287	N94588	H79705	N94468	N38801	K70784	44609609	NA BASE	W15297	N67839	H60119	AA458503	H55921	H78241	M08560	R52542	R19031	AA424937	T98886	AA459519	AA406535	<b>МОВВОЭ</b>	H45000	T80232
Hs.78793	Hs. 152699	Hs.187891	Hs.179972	Hs.188818	Hs.203679	Hs.3578	HS.28149	Ha Jakana	Hs 48581	He 47539	He 52800	Hs 108043	Hs 431	Hs 48565	Hs.102344	Hs.2780	Hs.203779	Hs.77695	Hs.193415	Hs.48604	Ha.172405	Hs.191305	Hs.53099	Hs.3642	H <sub>3.182670</sub>	H <sub>3.35574</sub>	Hs.102541	Hs.76894	Hs.63758	Hs.19686	Hs.53127	Hs.195175	Hs.102669	Hs. 198951	Ha.94953	HS.102596	18.3/402 He 404303	10.000	Ha 131309	Hs 74335	Hs 203938	Hs.155017	118,173905	Hs.51857	Hs.103391	Hs.850	Hs.151573	Hs.80208	Hs.147082	Hs.11689	Hs.8248	Hs.76038	Hs.74122	HS.174185
2563 120863		•••				2578 242706					2508 191672				2611 243414					2626 292654									2648 359119	2652 347702	2654 201203	2655 309776	2659 240208	2663 309864	2664 244044	2667 142586	7744404 3402	2678 243428	2878 322817										•		2722 753457	2723 44975		2727 24642

Page 14 (of 118 pages of Table 3A)

Plecenta	Kidney	Son S	Divinis	Stomach	S. C.	Post	Whole embryo	Whole embryo	•	Germ Cell			Srain	Other	₩.	Thyroid		glood	40se	Umbilical cord	Pool	Gall bladder	Placenta	Unbilical cord Smooth muscle	Adipose	Colon	Pancreas	Uterus	Cervix	Tonsil		Larynx	Cervix	Muscle	Placenta	Nose	المال	Certaik	A C C C C C C C C C C C C C C C C C C C	Bone	Head and nack	Riced	Thymus	Testis	Adipose	Dymas	Stomach	Placenta	Aorta	Pool	Nose	Neural-	Adrenal gland Whole embryo	Aorte	Foreskin
_		N. P.	2000	Ckin	have lead	Ulens			embry	•		Ear	Umbilical cord Brain	_	_	Skin	Gall bladder	Umbilical cord Blood	Peripheral ner Head and nec Nose	Cervix				Umbilical cord:	qqe	Lymph				Prostate			E	neforeskin	Synovial mem Placenta	nd Head and nec	Mandage		Note of	and house compone	ord Foreskin					Adinose					Skin	Foreskin	Adrenal gland	•	Pooled
278.81 Pooled	Blood	222 GR Slomach	150 1 Simplified man	135.1 SynOwer men	247 64 Thumis	338.52 Placenta	145.46 EVB	41.94 Ear	Foreskin	160,44 Umbilical cord Adipose		Perethyroid	414.14 CNS	246.58 Brain	165.48 Foreskin	295.65 Adipose	250.6 Liver	382.99 Skin	582.6 Peripheral n	Muscle	628.9 Small intestinetiver	Smatt intestineCervix	470.09 Head and nec Lymph	140.7 Ear	414.87	84.65 Pancreas	24.9 Ovary	179.54 Head and nec Nose	371.85 Synovial me	22 Germ Cell	330.2	34.81 Omontum	75.69 Thymus Synovial	458.37 Small Intest	509.36 Trachea	77,48 Adrenal gland Head and nec Nose			CICIA MINOR PROPERTY	.12.22 bonds man	421 94 Umbilital cord Foreakin	160 78 Coole	619.8 Umbilical cord Gall bladder	155.48 CNS	126.05 Bone marrow	20.25	223.28 Gall bladder	114.44 Skin	Esophagus	Kidney	470.52 Cervix	458.65 Epidid/mis	11.08 Lymph	300.65 Uterus	413.02 Cervix
12			, ,	י פ		- <u>*</u>	12	5		r			F	4	15	11	19	6	vo		φ		12	12	φ	-	16	2	16	5	1,	6	6	₽	71	×		•	ç	2 9	ē Ç	4 ~		. £	?	Ţ	? ~	×			ō	. 0	2	17	ũ
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8	9	3 5	9.6	3 5	3 8	8.5	9	9	8	906	00.5	8	12.00	00 6	8	8	2,00	8.9	3.80	0.0	14.00	2.00	1.00	9.00	9.00	\$.00	9.00	00.0	2.00	3.00	1.00	6.00	00.1	9.	2.00	00.7	8 ;	8.6	3 6	8 6	8 8	8 6	8 8	8	8		9 5	90	8	8 8	100	2.00	7.00	9.00	8.00
35.48	8 8	8 5	18.0	2.52	8 5	2 6	7 13	27.8	6.74	19.89	31.54	13.55	70.17	141 03	28 62	9.80	5.75	14.98	6.55	5.82	26.82	6.43	5.06	199.48	8.8	8.07	23.50	15.37	5.88	7.19	3.0	9.47	5.26	9.37	5.80	6.22	47.24	47.98	20.5	10.11	20.00	20.00	- 46 - 46 - 46 - 46 - 46 - 46 - 46 - 46	9	13.25	2	5.5	7 20	75	17.43	6.15	17.55	10.13	14.42	10.78
0 22		4.0	70.	0.70	3 6	3.02	. e	58.0	26.	5	220	13.65	8	5	8	90	00'1	15.55	8	7.56	7.87	20.31	8.49	0.68	4.40	20 13	0.41	2.88	17.34	9.05	19.63	<b>%</b>	38.68	5.02	18.87	4.32	0.32	6.0 0	3 6	8	5.50	÷ 5	7 5	9 6	 E	2 5	5 5	70.71	7.87	8	12.73	0.39	1.60	0.78	14.03
7.83	2		17.54	38.20	8 5	50.00	48.42	12.8	6.50	200	7.37	184.80	20 47	47.1 35	28.67	8.60	5.75	232.99	268.90	97	211.14	130.52	42.88	134.78	42.21	162.49	9.55	43.95	101.89	65.08	98.93	517.48	203.40	47.23	109.50	26.97	14.95	38.06	16.65	2.2	9.00	\$¢	? e.	3 5	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200	23.17	122.44	25.5	3 2	78.27	6.89	16.20	1.28	151.12
0.0035347	100000	H86922	KOBOES	AA455408	AA028963	9/6274	20000	AA490688	H98218	001550	4444121	AA083032	H2075a	024069	AA025850	RABBA	T71886	AA489400	R33030	T65833	173468	AA488497	AA401853	R93875	AA291163	AA133129	AA488408	AA425238	AA487739	H94929	AA504348	AA487661	H68845	H22856	AA486280	169767	175041	174819	K23089	AA2/8/59	AA48/6/4	AA388/8/	A 400430	0 4 4 0 0 4 4 4	AA598513	0100000	TEOD48	AA426237	440043	H18633	AAABASSB	AA461065	H14343	AA129677	AA453335
7003	15.416	HS.116774	Hs.1691	Hs.78223	H8.173382	MS. // 800	18.16300	10.01 10.01	He 182838	Hs 75412	170.82				He 170157	H* 20144	Ha 110675	Hs 118085	Hs 110029	Hs 1023	Hs.89562	Hs.21704	He 5648	Hs 179682	Hs.28988	Ha 155202	Hs. 155981	Hs.198191	Hs.170197	Hs. 1244	Hs. 156346	Hs. 125076	Hs. 146354	Hs. 597	Hs.8441	Hs.148812	Hs.1787	Hs.89868	HS.176558	HS.1908	H8.173381	HS. / 4366	15.234.Z	13.100202	H8.2236 He 75216	13.73210	HS.193040	113.77 mg		Hs 123641	He 75137	Hs.76111	Hs 153752	Hs 91448	Hs. 13046
47140B	000114 0717	2732 212078	2738 127509	2738 813279	2743 470179	2744 51362	C/30 141900	2760 671850	2763 281204	2763 406604	2770 040821	2772 542059	2774 61649	3013 0446	2778 364755	2780 100863	2783 85509	27AB 843352	2787 135083	2789 A0374	2791 82710	2793 843159	2704 75RSE2	2795 275871	2799 700527	2801 \$26657	2802 843028	2805 773215	2807 841370	2808 230235	2809 825470	2810 841617	2811 212165	2815 51702	2817 842848	2618 105208	2821 22731	2822 85093	2824 131365	2829 703581	2834 841620	2835 898073	919719 7597	4070 014034	2843 823/84	00//80 5007	2854 512133				, -		-		2673 769376

Page 15 (of 118 pages of Table 3A)

(4->4->4->4->4->4->4->4->4->4->4->4->4->4	97400	4440040	,	:				•			
17.5   17.5	110 15804	6424215	10.00		4 .0	9 6	9.5	7	104.33 VVNORe empr	Yorka Tarak	
WOODSS         15.4 (2)         1.44 (10.2)         2.00 (10.2)         1	4s 79150	T98684	717	2 %	12.87	00.5	9 6	7 7	673 59 Rone marro	Cervix	ē
PSPS 58 28 22 23 18 126 8 100 100 5 5 5370 Bystolemany System         25.02 20.02 15.00	\$.23044	W00895	15.42	1.48	10 42	2.00	000	=	237.98 Colon	Breast	Blood
W75754         22.29         1180         64.53         8.00         2.00         X         1121 Shmill IntellumSphone           F73821         28.24         4.18         64.55         8.00         1.00         A         TISTS INTELLINES DEMONE           F63320         8.74         1.17         5.30         0.00         4         653.66 Pool         DID informal Physics           F67320         8.74         1.18         6.00         1.00         0.00         4         653.66 Pool         DID informal Physics           F71320         1.87         1.14         8.18         1.00         0.00         4         653.66 Pool         DID informal Physics           F71320         1.87         1.14         8.10         1.00         0.00         4         6.56 Pool         DID informal Physics           F71327         1.86         1.00         0.00         0.00         1.00         1.00         DID informal Physics           F71327         1.86         1.00         0.00         0.00         0.00         1.00         DID informal Physics           F8333         1.86         1.00         0.00         0.00         0.00         0.00         1.00         DID informal Physics <t< td=""><td>8,155223</td><td>R20886</td><td>29.02</td><td>2.30</td><td>12.60</td><td>8.00</td><td>0.00</td><td>c)</td><td>637.08 Breast</td><td></td><td>Color</td></t<>	8,155223	R20886	29.02	2.30	12.60	8.00	0.00	c)	637.08 Breast		Color
March   Marc	3.8789	N57594	28.29	8.	16.28	8.8	2.00	×	112.16 Small intesti	ineSpicen	Bone
Heise   Fig. 1	7378	T84821	69.97	0 -	 	9 6	3 5		Breast	Whole embr	yotansii
Fig. 1979   19	34107	H60503	9.74	88.	5,18	3.00	000	4	635.66 Pool	UD not foun	d Other
H47871         1375         1374         1375         1374         1375         1375         1375         1375         1375         1375         1375         1375         1375         1375         1375         1478         1700         000         200         61         1375         1888         1700         000         65         64033         1700         1700         1700         65         1700         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700         1700         65         1700<	93005	H57309	18.99	3.15	6.02	4.00	000		Foreskin	Skir	Blood
H75595         40.71         2.72         11.06         12.00         0.00         11         31.52 Beasts         IID-not found           H75596         40.71         2.72         4.50         10.00         0.00         5         51.00         IID-not found           H75596         40.71         4.62         4.50         10.00         0.00         5         51.00         IID-not found           H75596         41.00         13.6         2.20         10.00         0.00         5         51.00         IID-not found           H75596         41.00         11.00         10.00         11.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         11.00         10.00         <	208291	R87194	137.97	1.47	93.64	7.00	3.00		Pod	UD not foun	d Other
Heating   Heat	29438	H42967	41.28	3.72	11.08	12.00	0.00	=	315.22 Breast	IID not foun	d Other
Harriston	159840	H75599	40.71	2.72	14.98	10.00	2.00	9	540.03		
March   Marc	.14173	R93373	78.61	14.22	5.53	1,00	0.00	'n	511.07 Pool	UD not foun	d Other
KP6567         81.06         3.55         2.20         4.00         1.00         1.4         1.12 CNS         Sixth           M91101         3.1.0         3.1.0         1.1.0         1.00         7         2.08.12 Pooled         Foreign           M91101         3.1.1         4.1.7         6.61         1.00         0.00         7         2.08.12 Pooled         Foreign           M91101         3.1.1         4.1.7         6.61         1.00         0.00         3         2.2.7.19 Pool         Un nd found           M91101         3.1.1         4.1.7         4.1.7         7.04         8.00         5.00         1.00         <	20181	R08690	35.47	5.47	6.48	1.00	0.00	9	366.2 Pool	UD not foun	d Other
H98634         567         0.34         16 08         8 00         5 00         7         208.72         Pooled         Forestin           H98030         58 25         6.7         11.96         2 UU         1         63.64         Pool         LD not found           H99000         58 35         1.37         11.96         2 UU         1         63.64         Pool         LD not found           H99000         24 46         1.17         6.81         1.00         3.00         1         2.28.72         Pool         LD not found           H9731         25 1         0.81         6.81         1.00         3.00         1.2         7.804 Exphasis         Acts           M5731         25 0.6         6.34         4.00         1.00 <td>29494</td> <td>R78597</td> <td>81.06</td> <td>3.65</td> <td>8</td> <td>4.00</td> <td>1.00</td> <td>Ξ</td> <td>129 CNS</td> <td>Skin</td> <td>Gall bladder</td>	29494	R78597	81.06	3.65	8	4.00	1.00	Ξ	129 CNS	Skin	Gall bladder
Nationary   1,10   1,11   1,	. 18350	H96534	5.67	0.35	16.08	8.00	5.00	7	208.72 Pooled	Foreskin	Muscle
Page   Page   Page   Page   Page   Direct found   Page   Direct found   Page   Page   Direct found	35096	N91101	31.10	£.4	6.61	1.00	0.00				
He7666 1937 24.44 11.72 14.48 14.00 0.00 3 227.78 Pod UD not found 1937 25.00 0.00 1	14208	H90603	69.25	5.79	26	2.00	0.00	-	85.46 Pool	LID not foun	d Other
H57666         1837         2832         6.44         2.00         0.00         X         889 Pool 6.04 Esophaga Aorta         UD not found           N6971         351         6.14         4.06         93.87         22.00         5.00         12         78.04 Esophaga Aorta         N691           N6971         351         6.14         4.06         93.87         1.00         1.00         16         90.87         90.88         90.89<	34197	R91004	24.84	1.72	14.48	14.00	8.6	6	227.78 Pool	_	d Other
H59463   S S S S S S S S S S S S S S S S S S	.205244	H67668	193.76	28.32	48.9	2.00	0.0	×	88.99 Pool	_	d Other
NST71         351.44         4.06         93.87         22.00         5.00         16         409.13 Cervix         Cervix           NST731         52.06         5.03         5.13         0.00         1.00 <td>1,124777</td> <td>H93463</td> <td>5.51</td> <td>0.81</td> <td>6.81</td> <td>1.00</td> <td>3.8</td> <td>12</td> <td>78.04 Esophagus</td> <td>-</td> <td>Placenta</td>	1,124777	H93463	5.51	0.81	6.81	1.00	3.8	12	78.04 Esophagus	-	Placenta
NST731         52 05         6.24         6.34         1,00         1,00         16         408.31 Cervit         Breast           AA45738         5.08         5.13         0.00         1,00         7         523.34         Bone marrow Stomath           H738-7         5.08         5.13         1,00         1,00         7         523.34         Bone marrow Stomath           H738-7         5.03         1,00         1,00         7         523.34         Bone marrow Stomath           H738-7         5.03         1,00         1,00         7         523.34         Bone marrow Stomath           AA463928         5.39         1,00         0.00         2.00         5         148.06         Bone Unbullical cond           AA463928         5.39         1,00         0.00         1         6         443.86         Bone Unbullical cond           AA45611         5.30         0.10         0.00         6.00         1         6         6         1         1         6         6         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <td< td=""><td>1.21858</td><td>N59721</td><td>381.44</td><td>4.06</td><td>93.87</td><td>22.00</td><td>9.00</td><td></td><td>Borre</td><td></td><td></td></td<>	1.21858	N59721	381.44	4.06	93.87	22.00	9.00		Borre		
AA45873         26.09         5.08         5.13         0.00         1.00         7         252.34         Bone marrow Stomach           AA47239         1.04         1.03         1.00         1.00         X         13.77 Tarchas         Germ Cell           AA47239         1.01         1.33         7.65         1.00         0.00         X         13.77 Tarchas         Germ Cell           AA47239         1.01         1.33         7.65         1.00         0.00         X         13.77 Tarchas         Germ Cell           AA45209         4.13         0.10         4.81         3.00         5.00         1.00         Noneth	.80021	N57731	<b>25 05</b>	6.24	8.34	1.00	9.	16	408.31 Cervix	Breast	Tonsii
AA457394         43.67         54.3         8.05         1.00         7         523.4           AA427399         43.67         43.67         43.67         44.68         44.68         American of the control of	.6444	AA458973	26.09	5.08	5.13	0.00	8.			w Stomach	Germ Cell
H73561         10.16         1.33         7.65         1.00         X         11.71 Tractions         Germ Cell           A4427389         10.16         1.33         7.65         1.00         2.00         3         44.64.64 Nose         Umblicational Lange of Market         Purplicational Langetor La	80475	H73947	43.67	5,43	8.05	1.00	0.1	7	523.34		
H73861         35,78         3,84         9,31         3,00         2,00         3,64,60 Mose         Unbilitical cond           M46392         3,57         3,54         9,31         3,00         5,00         5,00         1         644,60 Mose         Unbilitical cond           W05000         7,27         1,77         5,00         6,00         6,00         16         446,00 Mose         Unbilitical cond           AA453108         4,13         0,10         418,12         9,00         0,00         16         446,00 Mose         Ponded         <	6315	AA427398	10.18	5.3	7.05	1.00	0.00	×	13.77 Trachea	Germ Cell	Bone
Additional Activity         1,51         1,53         5,00         1,60         5,00         1,61,23         Nounal Mounal Activity           Additional Activity         4,17         5,03         1,00         5,00         1,6         148,33         Mounal Muscle         Ponded Process           Additional Activity         4,18         2,00         6,00         6,00         1,6         448,98         Sommach           Additional Activity         4,18         2,00         6,00         6,00         6,00         6,00         6,00         6,00         6,00         6,00         117,06 Nose         Peace Peace	173242	H73661	35.76	3.84	9.31	3.00	5.00	n ·	446.88 Nose	Umbilical	rd Liver
Add 500         1.3.7         1.4.7         5.03         1.00         1.00         1.5         1.834 Muscles         Breast           Add 5016         4.5.1         1.00         6.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.17.00         1	177533	AA463926	25.95	3.27	7.93	5.00	2.0	<del>-</del> 1	671.23	Nec a	Adipose
A445116 45.59 6.32 6.38 14.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	91621		14.2/	14.7	5.03	8.6	8 8	n ;	158.34 Muscle	Breast	8
Add 55116         45.59         6.22         6.59         1.00         0.00         Product of Prod	180178		5	9 6	4 60.14	9 6	3 8	2		Serios d	a contract
A4456611         27.81         0.53         52.30         9.00         6.00         6         117.06 Nisse         Hondrage           A4456611         27.81         0.53         52.30         9.00         6.00         3         117.06 Nisse         Hondrage           H55066         163         28.47         1.0.39         5.00         1.00         1.00         3         117.06 Nisse         Hondrage           H77224         23.34         2.97         7.84         1.00         0.00         0.00         17         322.97 Pool         LID not found           H77224         2.35         1.25         5.06         1.00         0.00         0.00         17         322.97 Pool         LID not found           H77224         3.35         1.25         2.06         0.00         0.00         17         322.97 Pool         LID not found           A47355         5.31         1.25         2.06         0.00         0.00         17         320.87 Pool         LID not found           H77357         4.62         1.00         0.00         0.00         0.00         17         300.65 Unind         1.00 round         1.00 round         1.00 round         1.00 round         1.00 round         1.00 r	10949		45.59	6.92	65.8	9	8 8		Pooled	Forestin	Pancreas
Addod276         56.64         3.47         10.39         5.00         1.00         3         191.53 Whole embryoTonsil           H505068         161.20         28.57         5.64         1.00         0.00         4         6564 Pool         Indicators           H71224         23.3         2.34         2.97         7.85         2.00         0.00         17         32.25 Pool         UD not lound           N7721         46.42         6.10         7.61         2.00         0.00         17         32.25 Pool         UD not lound           AA13604         1.55         1.25         2.06         1.00         0.00         17         32.25 Pool         LD not lound           AA13604         1.55         1.00         1.00         0.00         17         300.56 Ultural         LD not lound           AA43505         5.23         0.25         2.06         7.00         6.00         17         300.56 Ultural         LD not lound           AA43507         1.23         0.20         0.00         17         300.56 Ultural         LD not lound           AA4356         5.33         1.00         0.00         10         475.24 Netral         An13           AA4156         1.34	179986		27.81	0.53	52.30	00.6	8 90	60	117 OF NOSA	Head and ne	C Breast
H95086 (61.20 28.57 5.64 1.00 0.00 17 32.29 Pool IU not found NY727 4.2.34 2.97 7.85 2.00 0.00 17 32.29 Pool IU not found NY727 4.2.34 2.97 7.85 2.00 0.00 3 402.8 Pool IU not found NY727 4.32 1.25 5.06 1.00 0.00 3 402.8 Pool IU not found NY727 4.32 1.25 5.06 1.00 0.00 6 404.8 Pool IU not found NY727 4.32 1.25 1.00 18.55 2.00 0.00 17 30.05 Ultura	164481	_	56.84	5.47	10.39	3.00	8	. 67	191.53 Whole embr	voTonsil	LID not found
H71224         23.34         2.97         7.85         2.00         0.00         17         322.97 Pool         LID not found found from the found found from the found found from the found found from the from the from the found from the found from the found from the found from the from	205572	_	161.20	28.57	20.00	1,00	8	4	635.64 Pool	Kdnev	LID not found
W75873         46.42         6.10         7.61         2.00         0.00         3         402.8 Pool         LD not found           AA13504         1.55         1.60         1.60         1.00         1.00         1.00         1.00 not found           AA13504         1.55         1.00         <	138580	_	23.34	2.97	7.85	2.00	0.00	17	322.97 Pool	LID not foun	d Other
N77211         6.35         1.25         5.06         1.00         0.00         6 404.32 Pool         LID not found           AA435640         19.55         1.00         19.55         2.00         1.00 <t< td=""><td>5.205978</td><td></td><td>46.42</td><td>6.10</td><td>7.61</td><td>2.00</td><td>90.0</td><td>m</td><td>402.8 Pool</td><td>L/D not foun</td><td>d Other</td></t<>	5.205978		46.42	6.10	7.61	2.00	90.0	m	402.8 Pool	L/D not foun	d Other
AA156040         19.55         1.00         19.55         2.00         17         300.56 Ulerus	93516	_	6.35	1.25	5.06	1.00	90.0	80	404.82 Pool	LID not foun	d Other
H35235         5.33         0.25         27.06         7.00         6.00         Tonsil         Gem Cell           H95239         4.33         9.57         5.16         1.00         0.00         10         475.24 Neural         Acota           AA013607         12.28         1.00         0.00         10         475.24 Neural         Acota           NZ6072         58.66         11.47         5.20         1.00         0.00         15         227.19           AA447844         37.14         4.67         7.63         1.00         0.00         13         227.19         Smooth musc Cervix           AA447844         11.305         2.203         6.17         1.00         0.00         13         128.27         Beast           NS8145         11.306         2.203         6.17         1.00         0.00         13         128.27         Beast           NS8445         12.44         1.97         6.60         1.00         0.00         13         128.37         Brast         Brast           NS8445         1.54         1.00         0.00         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0	9.91448	_	19.55	8	19.55	5.00	8	1,	300.65 Uterus		Aorta
Add 1567 12.28 1.00 0.00 17.5.24 Neural Pool Pool Pool Pool Pool Pool Pool Po	50640	•	5.23	0.25	20.86	7.00	8.9		Tonsii	Germ Cell	Blood
H77855 1238 1.60 1223 2.00 0.00 10 475.24 Neural Aorta Aorta Aorta Aorta Aorta Aorta 1238 1.61 8.31 4.00 0.00 15 77.37 Small intestineHead and neuron N28075 5.866 11.47 5.20 1.00 0.00 15 77.37 Small intestineHead and neuron N28075 5.866 11.47 5.20 0.00 0.00 15 77.37 Small intestineHead and neuron N28075 5.86 11.00 0.00 13 77.37 Small intestineHead and neuron N28075 5.80 11.00 0.00 13 77.37 Small intestineHead and neuron N28075 7.64 5.00 11.00 0.00 13 77.37 Small intestineHead and neuron N28075 7.64 5.00 14.00 0.00 17 460.37 Advansigland Pool N28075 1.00 0.00 17 460.37 Advansigland Pool N28075 1.00 0.00 1.00 10 10 90.72 Earl Germ Cell N28075 1.00 0.00 1.00 1.00 1.00 1.00 1.00 1.0	42030	H95239	49.38	9.57	9 .	1.00	8.0		Lve	0	LID not found
H7855 13.38 1.61 8.31 4.00 0.00 15 727.19 Small intestine-feed and nec. AA447984 37.14 4.67 5.20 1.00 0.00 15 227.19 Small intestine-feed and nec. AA447984 37.14 4.67 7.63 1.00 0.00 15 227.19 Smooth musc Cervix NS6145 75.04 5.00 14.75 1.00 0.00 17 26.63 Thyroid Breast NS6145 75.04 1.97 6.53 1.00 0.00 17 126.62 Eer Slowesh AA42224 12.24 1.97 6.53 1.00 0.00 17 46.03 7.44 and gland Pool AA42224 18.29 3.56 5.15 0.00 0.00 5 412.25 Eer Germ Cell AA42224 18.29 3.56 5.15 0.00 0.00 8 65.2 Parithyroid Nose R86764 17.51 0.19 93.09 9.00 4.00 8 65.2 Parithyroid Nose H93459 26.43 3.26 6.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 268.88 0.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 268.88 0.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 268.88 0.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 268.88 0.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 268.88 0.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 268.88 0.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.00 0.00 0.00 12 45.09 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 12 45.00 0.00 0.00 12 45.00 Epicidyrmis Larynx H93459 26.89 0.10 0.00 0.00 0.00 0.00 0.00 0.00 0.0	9.11270	AA015807	12.28	8	12.28	5.00	8	9	475.24 Neural	Aorta	Prostate
AAA4784         37, 40         11,47         3.00         11,47         3.00         100         100         100         227,18         AAA4784         37,14         4,67         1,60         0.00         14         216,37 Thyroid         Breast         Breast         18,00         0.00         14         216,37 Thyroid         Breast         18,00         0.00         13         126,52 Eer         Shonchh musc Cenvix         18,00         0.00         13         126,52 Eer         Shonchh musc Cenvix         18,00         0.00         13         126,52 Eer         Shonchh musc Cenvix         19	1.26523	H//855	13.38	1.67	8.31	9.4	8 8	<b>-</b> ;	777.37 Small intesti	ineHead and ne	c Aorta
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R19299         849         1.01         845         2.00         0.00         5         412.35 Ear         Germ Cell           AA432248         16.29         3.56         5.15         0.00         1.00         1.0         90.72 Brain         Testis           R26163         2.74         3.0         0.00         1.00         0.0         8         65.2 Paralhyroid         Nose           R88764         1.751         0.19         93.09         9.00         4.00         8         65.2 Paralhyroid         Nose           AAA808102         1.364         0.60         22.82         2.00         4.00         19         -2.33 Tonsil         Ovary           AAA80855         26.93         0.10         26.88         9.00         6.00         12         45.09 Eptidymis         Layrx	152659	_	12.84	1.97	6.53	1.00	000	: 4	460 37 Adrenal olar	d Pool	LID not found
AA432248         18.29         3.56         5.15         0.00         1.00         10         90.72 Brain         Testis           R26153         27.94         3.36         8.27         2.00         0.00         8         65.2 Paralhyroid         Nose           R88164         17.51         0.19         93.09         9.00         4.00         8         65.2 Paralhyroid         Nose           AA4026102         1.364         0.60         22.82         2.00         4.00         19         -2.33 Tonsil         Ovary           AA480835         26.43         3.28         6.00         1.00         0.00         12         45.09 Epiclidymis         Laynx           H93459         26.89         0.10         268.88         9.00         6.00         12         45.09 Epiclidymis         Laynx	1.119325	R19299	8.49	10.1	8.45	2.00	900	S	412.25 Ear	Germ Cell	Breast
R26163         27.34         3.36         8.27         2.00         0.00         8         65.2 Parelhyroid         Nose           R48764         17.51         0.19         93.09         9.00         4.00         19         -2.33 Tonsil         Cvary           AAAB085         26.43         3.28         8.06         1.00         0.00         12         45.09 Epididymis         Larynx           H93459         26.89         0.10         268.88         9.00         6.00         12         45.09 Epididymis         Larynx	.6738	AA432248	18.29	3.56	5.15	0.00	9.	<b>\$</b>	90.72 Brain		Lung
R88764         17.51         0.19         93.09         9.00         4.00         4.00         7.233 Tonsil         Ovary           AAAB08815         2.643         3.28         6.09         1.00         0.00         12         45.09 Epididymis         Lenynx           H93459         2.6 89         0.10         288.88         9.00         6.00         6.00         45.09 Epididymis         Lenynx	3.93961	R26163	27.94	3.38	8.27	2.00	0.0	æ	65.2 Parathyroid		CNS
AA028102 13.64 0.60 22.82 2.00 4.00 19 -2.33 Tonsil Ovary AA480835 26.43 3.28 9.06 1.00 0.00 12 45.09 Epididymis Larynx H93459 26.89 0.10 268.88 9.00 6.00	3.191374	R88764	17.51	0.19	93.09	9.00	9.4		•		
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Carnetin	Total and	Pool	200	Density	no American	Thymus	Foreskin	Whole embryo	Kidney		Breast	Tonsil	Umbilical cord	Lung	Placenta	Kidney	. Pool	Poreskin	Other	Bool a	š ,	Brain	Smooth muscle	Blood	Pool	Uterus	Tonsil	Muscle	Ovary	Head			Book marrow	Pool Cod	Brain	Spleen	Thymus	Adrenal gland	CNS	c Gall bladder	Blood	P .	Heart	3	Esophagus	100 100 100 100 100 100 100 100 100 10	Adipose	Parathyroid	Blood	Whole embryo	Spleen	nLymph	Gall bladder
4000	Escophagus Poleskin Crost letostind unch ande	Toerie	Testis	6888		. –	Placenta	Brain	Pool	Pancreas	Blood	Bone	Gall bladder	Hear	Uterus		Germ Coll	Call Diagonal	I Dow formed	Lymph Total	Gall bladder	Prostate	Thymus	Pooted	Spleen			Thyroid	rBreast	J Thyroid			Mercan	ePooled	Muscle	Adipose	Esophagus	Cerdx	Adipose	teSmooth muse	rignore Tonsil B	Liver	Prostate	****	T. Skin	/oBrain	Skin	Pancreas	C.0	Muscle	CNS	Synovial mem	Nose
Norm		422.5 Chidulyinis	04.37 TIBLERING	ay or certain certain	286.W Pooled	Adipose	140.25 Cervix	7 Aorta	5 Breast	1 Uterus	3 Umbilical condishood	2 Eye	115.75 Bone	2 Spleen	3 Splean	9 Whole embry	2 Testis	מאַט אַ	B D C C C	500	7 Heart	4 Lymph	8 Nose	8 Ear	2 Liver	1 Musclo	555.11	6 Gall bladder	8 Peripheral ner Breast	2 Adrena gland Thyroid			Esopnagus 7 Enididwaria		8 Prostata Muscle	8 Thyroid	<sub>ت</sub>	8 Foreskin	5 Nose	37 Smell intestir	M Ignore	Aorta	Larrax		Synovial mem Skin	217.06 Whole embryoBrain	71 Thymus	373.9 Omentum	\$05.73 Smooth muscle	Gall bladder Muscle	373.87 Bone	Tonsil	219.22 Stomach
	, ,	304 6	204.0	9.00	286		140.2	107	557.85	0,701	175.43	424.8	115.7	104.5	118.1	469.3	70.2	D. 192	360 88 6	25.5	272.27	683.2	118.3	107.6	373.3	319.6	555.1	127.4	205.1	25.02 /			76 746	556	83.8	162.6	509.7	104.78	687.	189.	102.	777		89.5		217.0	118	373	405.		373.6		210.3
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	3.50	3 6	7.0	) (C. )	58.5	8 6	3,18	1.00	3.00	2.48	14.03	2.54	1.79	2.83	1.00	0.32	4.1	0.7	3.5	25.40	26.5	20	3.31	5.56	10.13	3.85	4.67	3.20	2.02	0.10	1.00	1.85	0.36	4 23	00	0.88	1.00	5.01	5.58	6.53	8.5	2.83	2.0	1.07	0.58	0.84	4.54	19.25	5.01	8.23	9.03	4.62	12.45
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0.3001	A44955/6	AA113818	HWW.	AA490680	K6/042	H69582	H54686	H09461	R08829	H39192	W56189	N75979	AA464630	AA453769	H59881	R80722	AA453969	AA459832	104461	221270	AA055101	R25020	AA486627	AA485853	N53168	AA456394	AA458994	W85653	R71689	H84153	T47813	AA434130	K25766	AA045320	H49455	H09085	AA101299	AA485998	AA102035	R13434	AA282642	44459863	AA252868	AA488081	AA496837	R38986	AA442984	H15504	AA521422	AA456439	N73030	AA588674	AA419108
90,00	H3.83469	138301.8H	HB. 14413/	H3.84232	HS.192966	Hs 75467	Hs.81988	Hs. 181304	Hs.95990	Hs.3080	Hs.248	Hs. 78906	Hs.87409	Hs. 90572	Hs.2030	Hs 9810	Hs.99881	Hs 3068	MS.171590	20105	H* 40758	Ha 21639	Hs 814	Hs 195117	HS 73849	Hs.75329	Hs.91728	Hs.7557	Hs.26395	Hs. 75586	Hs. 159533	Hs. 12971	HS.103612	Ha 5.87	Hs 198210	Hs. 106674	HB.74294	Hs. 195901	Hs.202980	Ha.83114	Ha.78881	HS. 65585	Hs. 67258	HB.124027	Hs. 76104	Hs. 143434	Hs. 73932	Hs. 78637	Hs.82508	Hs.75862	Hs. 1291	Hs.184572	Hs.77840
	755821	75835	150221	823884	140716	213136	203240	46284																					155575	249688	71432	770570	36374	487118	178818	48154	583673	843078	510760	28475	704760	195543	46579 RAG879	840702	_	•••	_	•	~	788421	•••	_	
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	Breast	auo	Smooth muscle	hyroid	NS.	Musde	one marrow	Heart	Brain	Other		Pod	Other	ther	Dunot found	Brain	Other	ther	Heart	Whole embryo	Placenta		dipose	Eye	Воле	Blood	-ID not found	CNS	LID not found	Whate embryo	Other	<b>.</b>	Pooled	:	Parathyroid	Jane 1	near Other	Jiher Jiher	1000	Weest	Forestin	7.0	Fye	Lymoh		Colon	dipose	olo	estis	Parathyroid	Other	Germ Cell		)(her	Ē
	Lymph		Thyroid	Thymus	Parathyroid	Ovary	<u>8</u>		Testis B	LID not found O		Placenta P	LID not found O	LID not found Other	Pool		t found	LID not found Other	Testis H	Umbilical cord Whole embryo			Head and nec Adipose	_	d Thyrold	2	- E	_	_	Pooled	D no	Kidney	Gall tladder	found	Gung .	or round		LID not found Other	2 4 5 N	Part for CI	Approx do a	Š					Head and nec Adipose	Gall bladder Colon	Whole embryoTestis	Ulerus	2	Parathyroid G		LID not found Other	Cervix
	99.33 Tonsil	546.17 Adipose	252.77 Omentum	284.08 Head and nec	118.53 Gail bladder	172.5 Spleen	30.8	Testis	203.09 Placenta	380.27 Pool	246.56	Adipose	411,43 Pool	Pool	-10.87 Skin	188.44 Placenta	P86	551,74 Placenta	Gern Cell	Thyroid	499.2 CNS	337.62	366.88	367.45 Gall bladder	358.88 Adrenal gland	Adipose	Colon	Thyroid	673.49 Pooled	ŭ	438.12 Pool	373.94 .	117.02 Smooth musc	000	326.53 Eye	1001	Locarum Constitution	401.00 Pool	455 50 Darathuroid	261 15 Bool	2000	Daylor	444.57 Head and nec Thymus	568.82 Umbilical cord Soleen	193	Synovial mem Eye	135.66 Lung	490.97 Skin	Brain	306.96 Brain	P  00	348,77 Tonsil		134.94 Pool	123.1 Eye
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2.73	0.0	4.31	8.38	2.39	7.70	8	16.67	8	0.00	0.33	0.84	9.20	10.14	5.96	1.58	12.64	4.71	2.57	0.78	- 6	1.42	18.85	8	4.97	3.82	2.25	2.23	0.53	1.41	£ 8	0.00	7.81	1.86	16.37	8.75	97.5	3	) G	707	5 6	9 9	20.7		2	18.81	15.04	10.23	44.	8	7.31	8.6	2.87	2.18	6.49	2.77
22.67	19.55	167.19	527.22	215.56	63.85	6.65	861.91	6.92	16.65	12.55	307.87	72.28	76.98	48.53	28.50	108.10	43.61	155.79	5.20	71.62	11,39	87.58	24.58	32.88	24.90	27.17	68.41	28.	22.11	6.21	55.80	79.49	18.27	116.64	63.35	39.21	78.50	23.46	<u>.</u> 5	20.18	12.02	, S	1	3	26.80	108.31	54.87	55.74	8.12	48.75	51.27	20.38	12.65	43.11	69.97
AA481397	AA490920	AA487560	H63077	AA486919	AA451781	AA484755	AA599178	196708	R31758	R92577	H48502	N55563	N68424	R16069	H85775	R62241	196909	R64580	W95346	R24974	R62582	R32751	H63455	AA479781	R71124	H02338	R62773	AA028034	R62888	W04206	M55897	W04231	R73672	H75808	W60890	N66925	N67041	K9/234	P300474	CCLORA		900000	A404389	N74713	Negar	T96718	W73607	W87741	AA608880	AA128760	H58981	AA002126	R98074	WD3686	V42849
Hs.203146	Hs. 169746	HS.74034	Hs.78225	Hs.4437	Hs.39913	Hs. 183805	Hs.76084	Hs. 145061	Hs. 163545	Hs. 16917	Hs.34482	Hs.173734	Hs.38501	Hs.189713	Hs.193951	Hs. 172780	Hs.17919	Hs. 28312	Hs 23642	Hs. 118684	Hs.28338	Hs.203355	Hs. 80857	Hs.203914	H\$.10784	Hs.5143	Hs. 178534	Hs. 27023	Hs.28367	Hs.49111	Hs.206380	Hs.53358	Hs.183576	H3.53468	Hs.78305	H8.49275	H\$.210787	H8.35701	M8.1/1.2/8	MS. / 6463	HS.357.55	13.10002	HE 48442	Lo 17740	Ha 137837	Hs.103834	Hs.11184	Hs.79070	Hs.1176	Hs.21635	Hs.37368	Hs.127799	H <sub>5.172362</sub>	Hs.197008	HS.177486
		_	3253 208718	~		_	•			3271 196214			3285 292452	_	3295 211024										3342 142944		3352 138837	3357 469704							3375 342089			3393 200418			3401 243360					3419 121251	3420 344555			-	3437 204558		3441 206781		3448 323371

Page 18 (of 118 pages of Table 3A)

		Grain	Whole embryo	Breast	Brain	Parathyroid	Gem Cell	Tonsii		Caga	ciesa	Gall Nadder	Colon	Larynx	Nose	Muscle		-	Whale embryo	d Nose	Liver	Eye	c Esophagus	CNS	rian i	Topell	Head and neck	Note	Tonsil	Tonsil	Umbilical cord	Uterus	Placenta	Germ Cell	Umbilical cord	Stomach	raildeas Germ Cell	Cervix	Whole embryo	Placenta	Small intestine	Breast	Blood	Bool	Program	Umbitical cord Whole emboro	Stomach	Breast	1 Liver	r Nose	Liver	oEye Foreskin
		Breast	Breast	w Skin	Aorta	ineThyroid	Breast	yoLiver	9		4 1	S C C	, m	Adipose	Adipose	ryoGerm Cell	<u>8</u>	Lymph node	Brain	Umbilical cord Nose	CNS	Blood		Bone	od Hear	Plenente		Symposial man	Stomach	Thyroid		mEar	Cervix	Brain	ard Esophagus	S S S	8 5	Nose	Blood	CNS	Gall biedder	rd Brain	rd Ear	911	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Umbilical cor	Muscle	Stomach	er Adrenal glarx	Peripheral ner Nose	90	VVNote embryobye Tonsil Fore
		374.1 Lymph	Aorta	Bone marrow Skin	114.89 Uterus Aorta	595.02 Small intest	Stomach	325.76 Whole embryoLiver	ACS.48 FORESKIN	Agra	Perioheral	69 93 Thyroic CNS	738.14 CNS	213.22 Nose	142.59 - Adipose	134,69 Whole amb	554.6 Foreskin	212.78 Placenta	42.18 Kidney	373.87 Adipose	354.25 Thyroid	88.99 Aorta	162.28 Larynx	Esophegus	CALAS UMBINOSIS	365 10 Blood Discours	Frididumis	Chicagonias 449 OB Cervix	80.62 Pooled	Pooled	142.05 Lymph node	197.93 Synovial me	102.98 Thyroid	73.05 Aorta	602.7 Umbilical cord Esophagus	17.11 Ignore	15.11 Fva	01.76 Thymus	19.96 Thyroid	276.23 Nose	547.84 Cervix Gall big	138.23 Adrenal glai	Adrenal gland Ear	33.00	40.19 tesus 682 76 Feonbanus	Thyroid	85.07 Ignore	535.87 Neural	153.86 Peripheral ner Adrenal gland Liver	199.22 Laynx F	155 6Z Small intest	Bone 211.15 Eye
		5			ç	-	;	<u>.</u>	4			12		×	-	7			5				-	•	- (	v :	:		×		9	S	mo	7	Φ ;	2 2			o	15		×	a	o a		,	23		-	<b>6</b> 0 (	'n	×
3A	0.00	00.0	2.00	00.0	0.00	9.	0.00	900	000	9 6	8 6	2 00	2.00	1.00	2.00	0.00	1.00	1.00	2.00	2.00	0.00	0.00	6.00	8 6	9.6	8 6	9 6	800	2.00	0.00	0.00	4.00	00.00	00.0	0.0	9.5	8.6	00.0	0.00	0.00	1.00	9.6	8 6	3 6	88	8	9.8	9:	2.00	8.8	3 8	8 6
Table 3A	60.4	1.00	1.00	3.00	3.00	0.00	0	9.6	200	9.7	8 0	12.00	00.0	5.00	2.00	1.80	0.00	10.00	9.0	80	2.00	2.00	8.6	8.5	8.5	3 8	8 6	8 8	8	2.00	1.00	22.00	7.00	00'-	13.00	9 6	6. 4	6.00	1.00	1.00	6.00	2.00	50.5	3.5	8 6	0	8.00	6.00	6.00	8 8	 	1,00
	6.37	5.14	13.00	10.46	58.97	5.29	5.28	107.30	47.03	77.8	12.75	36.70	24.35	96.6	6.33	6.98	6.56	21.37	8.22	25.00	6.05	5.48	37.38	50.05 64.05	01.00	18.43	57.51	5.77	6.12	16.10	7.79	20.83	9.23	7.43	28.75	0.73	2.6	8.76	5.05	6.03	10.53	22.41	98.14 28.81	90.	5.21	7.95	49.39	9.22	15.67	52.98	40.55	5.48
	7.81	2.14	1.57	3.35	0.15	4.57	1.29	0.07	5 5	87.5	986	5.13	1.00	12.86	3.07	8.83	1.8	2.10	0.70	4.30	3.48	4.37	90.0	0.50	7 6	26.0	0.0	1.25	3	<b>7</b> .3	8.91	3.65	1.71	2.37	9.6	20.5	3.39	28.42	5.87	6.28	8	0.60	13.72	<u>;</u> 5	120.98	9.65	0.23	6.29	24.60	8.5	n c	2.7
		11.80		35.02	9.28	24.16	9 1		80.42					128.15	18.44			44.83	5.77	107.43	20.92			00.00	10.4								71.21	17.56	5.5	48.77	31.27	231.59	29.66	37.67	389.15		42.63				11.20	57.97	384.35	86.53		22.52
		AA428738	_	_	R92452		•	W A44364U6	-	٠ ٩	. –	_	_	_	-	_					_		A4456000	•	•			AA454572			AA411107		_	•	A44/8542			AA599092	_	_			AA431631		_		-	`	_	AA489281		AA459109
	Hs. 75283	HS,78473	Hs. 16296	Hs.19717;	Hs.30941	H8.24385	H8.26232	HE.11103V	He 5398	Ha 174070	Hs.155247	H8.780	Ha.78351	Ha.170328	Hs.7594	Hs.151413	Hs.35379	Hs. 8265	Hs.26468	Hs.80562	13.1361	H3.30642	H8.23982	HS 10018	113.10024	He 79889	Hs 2903	HS.57101	Hs. 78991	Hs. 177778	Hs. 1063	Hs.8122	Hs. 179574	Hs. 189954	H8./60	Hs 115577	Hs.74563	Hs.91773	Hs.2471	H9.69743	Hs. 3337	Ha. 77854	Hs 150705	Hs 20364	H8.75318	Hs 118684	Hs. 149096	Hs 77439	Hs. 195138	Hs 75789	18.55.11	Hs. 170198
	-	3459 769645			3486 198348			3479 44138						3496 131362		3520 173228			3527 40946	3528 214990		3540 234237				3555 841331			3559 703479					3566 825271				3573 850445					3583 781738							3594 842863		3606 814319

Page 19 (of 118 pages of Table 3A)

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Tonsil	Skin	Smooth muscle	Tonsil	Adipose	Placenta	Ovary	CNS	Tonsil	Breast	Heart	Parathyroid	Umbilical cord v	Gem Cell	Testis	<u></u>	Aorta Forestin	Dancing	Kidney	Product	Other	Testis	Uterus	Stomach		Umbilical cord	Eye		Pooled	ting the second	CNS	1 Other	Eār	1 Other	Aorte	Procenta	Umbilical cord	500		LID not found	UD not found	Eye:	Cterus	Sem Cer	Foreskin	a a a a		150	Blood	CNS	LID not found	Foreskin	Dane
Thymus	Nose	c Parathyroid	c Lymph	Synovial mem Adipose		Nose			Blood	Whole embryoHeart	Musch	Placenta	Gall bladder	Foreskin	o Nose	d Learynx	tour.	enino d	Thumbe	LID not found Other	P8	Breast	Aorta			Parathyroid	CID not found			Teslis	LID not found	neGall bladder	LID not found	Tonsil	Lung	Lavor	Utens		Colon			Foreskin		ryoTestis	i i i	Dologo O	Foreskin	Company	Profed	8	ord Cervix	Company
04.35 Eye	351.05 Lymph node Nose	199, 12 Head and nec Perethyroid	Head and nec Lymph	63.51 Esophagus	209	Lymph node Nose	40.03 Small intestir	249.51 Ear Adipose	67.65 Prostate	82.48 CNS	465.55 Placenta	490.45 Omentum	45.37 Neural	Torrsi	139.94 Smooth musc Nose	741.81 Umbilical cord Larynx 267.18 Hashing cord Hagan	207.30 Unionical Cold Conde	Management	TAT 24 Exemples		569.13 CNS	173.57 Pooled	Nose	157.21	586.57 Bone	Pooled	263.63 Pool	Placenta	Rone	31.88 Nevral	249, 15 Pool LID not found	685.3 Small intest	Pool	-12.22 Placenta	Breast 511 27 Derinberal	_	572.93 Placenta	330.2	Pool	425.57 Pool	477.19 Parathyroid	118.93 Pooled	Blood	742.57 Whole embry	0000	Thumis	FOR B4 CNS	360.60 CMG	467 R Foreskin	628.9 Testis	320.82 Umbilical cord Cervix	
₹	×	-		6	~		9	10	4		12 4	7	15			~ ~		-	,	· •		s		×	,		 			20	-	9		19	•	. 2	; «	ţ		4	ō	7		7	•	2	•	2 5	- =	2 60	· :	2
2.00	9	000	800	0.00	000	00.9	3.00	1.00	0.00	1.00	9:00	6.00	0.0	0.0	6.00	8.5	86	90.9	0.00	8 6	0.00	00.0	0.0	0.00	2.00	<b>8</b> .	8	00.0	3 8	8 8	000	0.00	1.00	0.00	8 8	8.5	8 8	8	8.	8.0	9.00	8	8.0	0.00	9 6	9 6	9 5	8 6	00.0	8 6	3 6	200
9	3.00	8	9	90	11.00	00.6	7.00	0.00	7.00	1.00	4.00	22.00	3.00	1.00	7.00	3.00	0.00	0.05	00.7	90.0	2.00	9	8	6.0	11.00	0.00	8.9	8	9.5	8.8	8	1.00	3.00	3.00	8 8	8 6	8 5	8 6	3.00	14.00	0.00	2.00	14.00	3.00	8 8	8.8	3 5	8.5	3 5	2 68	3 6	3
10 76	17.83			20.5	10.34	24.61	36.50	8.99	8	13.80	14.07	194.92	6.84	5.15	406.30	55.27	95.6	506344.69	23.61		8 16	6.64	88.89	10.61	8.25	6.40	7.89	5.09	7. e	50.32	11.82	5.72	11.08	6.58	6.03	24.4 5.87	20.0	194.62	7.09	10.69	608.65	8.54	880856 85	7.69	31.63	5.65	16.17	RC:/1	6 G	129.73	7 00 6	2.
32.02	4 50	*	4 15 A	3 5 5	377	0.38	3.47	3 04	0.41	2.10	1.52	6.53	2.45	23.88	0.10	20.70	8 5	8 8	8 8	3 5	8 8	1.82	5.69	3.76	62.97		1.42	2.09	1.27	9.4	5.35	12.73	2.34	4.31	5.73	0.34 4.34	5.5	9	13.87	2.08	0.10	2.61	0,00	11.38	1.78	6.9	60.0	5.53	3.65	100	3 5	2
248.21	80.24	240 43	2 2 2 2	115.60	38.89	9.45	126.54	27.37	01.41	28.97	24.34	1272.44	16.78	122.99	40.63	1143.98	9 6	5.06	23.61	33.08	51.27	12.06	51.12	39.84	437.18	6.40	11.20	10.84	229.11	20.52	63.22	72.78	25 92	28.34	20 5	6.19	3 7	8 8	98.35	22.20	60.87	22.26	8.81	87.50	58.38	5.15	01.7	38.30	20.23	129 73	1.63.7.0	5.40
AA485773	AA48561	D71013	N. 1913	AA444840	T47454	T51182	AA486082	H37224	AA690981	AA426473	H57494	AA399473	H29592	AA521083	AA019996	AA486085	AA447773	AA102634	R89539	Watasa	Hospan	B27433	R76394	AA027160	R78585					CL/C/N			_		R22065		0030400					AA115248			_	N75498		198162	N45139	NSD772	1136N	1102/1
70306	Fe 102135	79. 10g 10g	COCIOCION OF	HS. 7.093	He 470979	H= 90107	Hs. 159640	Hs. 108642	He 171995	Hs.37286	Hs.111676	Hs 78045	Hs. 156814	Hs.80324	Hs.199248	Hs.76293	Hs. 23311	Hs.29736	Hs. 34226	H8.59523	13.101037	14066	He 154737	Hs 59523	Hs.7753	Hs.24889	Hs.177106	Hs.30120	Hs.156764	H8.30151	Hs 34262	Hs.173912	Hs.34268	HS.206097	Hs 23330	Hs.102447	18.13242	Hs 156346	Hs. 191308	Hs.34299	Hs.172700	Hs.6774	Hs.169603	Hs.14988	Hs. 125522	H8.6349	H8.11567	HS.42586	Hs.42540	13.4240 15.04404	10.44 P. 10.1	HS. 79353
700070	840831		0013 133434	_			M27 840778		R20 R2456R				3634 52646					3660 563821			100081 7/00		143887	366570	144881	5 156551	195553	2 154477	321189	244289	1 242011	9 307532	2 195784	130100	130801	9 341269	3 842860	3737 825470	9 127710	4 293637		•,		5 194524		•••	.,	•	73 282860			83 296095

Page 20 (of 118 pages of Table 3A)

Page 21 (of 118 pages of Table 3A)

9,00         6,00         27         191-99 GAS         CARD         Formation         Bitanh           0,00         2,00         2         70-29 March         Township         Umy           0,00         2,00         2         70-29 March         Freeskin         Umy           0,00         2,00         2         70-29 March         Spienn         Umy           0,00         2,00         2         20-20 March         Spienn         Unwar           0,00         2,00         1         339,21 Umy         March         Breast           1,100         1,00         14         39,21 Marrow         Eye         Breast           1,00         1,00         14         39,21 Umy         March         Cobe           1,00         1,00         14         39,21 Marrow         Eye         Breast           1,00         1,00         1         1         20         Marrow<	
100 1 15.59 Patalhyrod Nose 2.00 2 704.29 Musde 2.00 2 649.46 Central Spleen 6.00 15 309.21 Umbilical card CNS 1.00 14 122.96 Bood 1 Lymph 6.00 2 695.55 Bood 1 Lymph 6.00 15 309.21 Umbilical card CNS 1.00 14 122.36 Bood 1 Lymph 6.00 5 300.72 Adva Forestin 6.00 6 6 500.46 Central Forestin 6.00 17 229.91 Central Hand and noc 6.00 17 229.91 Central Hand and noc 6.00 17 229.91 Central Hand and noc 6.00 17 229.91 Central Central 6.00 17 229.91 Central 6.00 18 62.55 Lymph nocet Thymus 6.00 19 6 229.91 Central 6.00 17 229.91 Central 6.00 18 65.55 Acrtal 6.00 19 65.55 Acrtal 6.00 10 65.55	18.88778 AA280924 8.60 0.31 28.12
200 2 704.28 Musde Tornsil 100 1 175.89 Musde Tornsil 200 2 200 1 175.89 Musde Tornsil 200 2 200 1 339.21 Umbided cord CNS 100 1 15.89 Bone	W96134 97.72 3.72
100 11 175.86 Nose Foreskin Plances Nose	1 H67349 5.13 1.00
2.00 2.00 2.00 3.00 14 10.00 15 3.00 14 10.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	H51068 90.12 12.58
1	AA488699 21 70 1 48
6.00 15 339.21 Umbilited cord CNS 100 15 339.21 Umbilited cord CNS 100 15 100 14 182.86 Bond - Foreskin 4.00 2 2 355.58 Bond - Lymph 1.00 2 100.00 1 103.00	TR1078 0 00 1 80
100 15 309.17 Marrow Eye 100 14 182.98 Bone	18.0
3.00         14         192.96 Bone	AA448941 59.73 5.80
2,00         2         295.55 Blood         Lymph           1,00         5         195.12 Aorta         Forestin           4,00         1         108.91         Aorta         Forestin           4,00         1         108.91         Aorta         Forestin           6,00         2         109.11         Cank         Skin           5,00         2         2         109.11         Cank         Haad and noce Adranal gland           5,00         2         3         84.31         Brown         Haad and noce Adranal gland           5,00         2         3         84.31         Smooth musc Larynx           0,00         7         5.29.13         Enr.         Heural           1,00         17         5.29.13         Enr.         Heural           0,00         17         5.29.13         Enr.         Heural           0,00         1         259.91         Day         Paccenta           0,00         1         259.91         Day         Paccenta           0,00         1         259.91         Day         Day           0,00         1         259.95         Lymph noder         Thymb           0,0	AA424629 106.34 4.43
1,00   5   567.12 Anta   Foreskin   1,00   5   500.45   500.00   5   500.45   500.00   5   500.45   500.00   5   500.45   500.00   5   500.45   500.00   5   500.00   5   500.00   5   500.00   5   500.00   5   500.00   5   500.00   5   5   5   5   5   5   5   5   5	AA488942 31.39 3.47
108.91  109.00  5 60046 Genvix Skin  100.00  5 10.00  1 1	30.37
10.00   10.0	AA504656 175.87 16.01
8.55 Nove Sumach  6.00  9.00  9.01 To Nove Sumach  5.00  9.0	A012644 A07 A0 70 20
100   3   19.11 Canvix   Haad and not	D4477# 174 O.55
1.00 2	
5.00         3         19.11 Cahout         Reda dard noc Adrental gland is 5.00           5.00         2         599.13 Ear         Stomach is 5.00         Sep.13 Ear         Natural is 1.00         Sep.13 Ear         Paceria         Sep.13 Ear	15/550 249.00 38.43
5.00         2         599 13 Ear         Somech Adrenal gland           5.00         X         599 13 Ear         Somech Page           5.00         X         64.74 Smooth musc Recrision 1000         17         221.34 Laynx           0.00         17         221.34 Laynx         Cervix           0.00         17         221.34 Laynx         Cervix           0.00         18         226.19 Ear         Neural           0.00         1         228.91 Dvary         Petcerla           0.00         1         228.91 Dvary         Petcerla           0.00         1         228.91 Dvary         Petcerla           0.00         1         288.88 Ear         Lymph noce         Gal badden           0.00         1         288.88 Ear         Lymph noce         Gal badden           0.00         1         288.55 Laynx         Parcenta         Colo           0.00         2         217.71 Adrenal gland Blood         Colo           0.00         1         180.72 Adjoose         CNS           0.00         1         180.72 Adjoose         CNS           0.00         1         180.72 Parathyrici         Placenta           0.00         1	AA486238 213.08 18,15
\$ 500         2         \$59.13 Ear         Shomech 10 to 1	AA456868 7.77 0.54
5.00         X         85.38 Bone         Bone         Uinaua           2.00         3         84.134 Bone         Uinaua           0.00         17         221.34 Laynx         Cervix           0.00         12         31.37 Smooth musc Pooled           0.00         14         258.19 Chary         Placenta           0.00         1         268.88 Ear         Lymph           0.00         1         268.88 Ear         Lymph           0.00         1         268.88 Ear         Lymph           0.00         1         352.55 Laynx         Parcenta           0.00         1         582.55 Laynx         Parcenta           0.00         1         582.55 Laynx         Parcenta           0.00         1         582.55 Laynx         Parcenta           0.00         2         147.35 Adjoose         CNS           0.00         1         152.15 Ear         Adjoose         CNS           0.00         1         355.14 Rain         Placenta           0.00         1         355.14 Rain         Placenta           0.00         1         355.14 Rain         Placenta           0.00         1         355.14 Rain	T98612 749.26 3.28
2.00 3 64.74 Smooth musc Lanying 2.00 17 231.34 Larying Cervix 2.00 17 231.34 Larying Cervix 2.00 18 28.89 Ear Neural 2.00 19 28.89 Ear Lymph 2.00 1 28.89 Ear Lymph 2.00 1 28.89 Ear Lymph 2.00 1 58.25 Larying Placenta 2.00 1 58.25 Larying Placenta 2.00 1 58.25 Larying Placenta 2.00 1 58.55 Larying Placenta 2.00 1 58.55 Larying Placenta 2.00 2 142.35 Adressa Gald Blood 2.00 2 142.35 Adressa Gald Blood 2.00 2 142.35 Adressa Gald Blood 2.00 11 255.14 Blani 2.00 12 18.57 Blani 2.00 13 255.15 Ear Adressa 2.00 14 355.71 Blani 2.00 13 255.95 Spleen Whole embryo 2.00 10 54.95 Placenta 2.00 10 65.56 Aorta Ridney 2.00 10 65.56 Aorta Ridney 2.00 10 65.59 Spleen Whole embryo 2.00 10 54.95 Placenta 2.00 10 11 10 10 10 10 10 10 10 10 10 10 1	0.00
2.00         3         84.71.4 Smooth musc Ranynk           0.00         17         281.34 Laynk         Cervix           0.00         12         31.39 Smooth musc Pooled           0.00         16         375.91         Neural           0.00         1         288.86 Ear         Lymph           0.00         1         365.5 Laynk         Parceala           0.00         1         365.5 Laynk         Parceas           0.00         2         142.35 Adressa grand Blood         Colon           0.00         3         17.3 Adressa grand Blood         Colon           0.00         1         152.15 Ear         Adressa grand Blood           0.00         2         142.35 Adressa         CNS           0.00         1         355.71 Brain         Placenta           0.00         1         355.71 Brain         Placenta           0.00         2         25.50 Spieson         Uhver	AA281348 10.46 0.51
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Page 22 (of 118 pages of Table 3A)

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Page 23 (of 116 pages of Table 3A)

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Kidney	Adipose		Uterus	Elood	_ '			•		Fancreas			rys Her Forestin		F.	Ş		!	Thyroid	•	mbryoBrain	nΩν	•	•		Doctor	6	9	Pag		s Breast	Mole ambryoCervix	io di		ell Blood	8	Misch	Placenta	LID			_	Liver				_	_		!
62.07 Eye	18.43	162.44	442.4 Thyroid	580.82 ·	708.21	372.28 Thymus	589.13 Ear	Source Adipose	Foreskin	מביים	457.32 Penpheral ner		AS OF Call Modder	240.08	104.33 Lavor	_	624.62 Ear		Bone	272.02	191.7 Whole embryoBrain	250.6 Pool	73.37 Ignore	446.49 Placenta	90d	20.00 CNS	- I		324.99 Brain	Thyraid	Pancreas	Watole a	652.21 Pool		672.7 Germ Cell	Uterus	419 47 Far	390.71 Neural	404.02 Pool	Breast	367.76 Adipose	Pool	105.89 Thyroid	565.78	501.47 Advance cland.	220.06	Pool	504.31 Placenta	Pool	3
4	7	7	ø	4	<b>6</b> 0 !	۶ ،	n c	,		•		-	-	- =	- 2	ì	7			=	-	19	4	12	r	٧, ١			×				ما		4	•	? <b>«</b>	,	o		4		Ç (		+ 4	· =		5		
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5, 16	6.19	5.71	5.84	180.62	<b>8</b>	7.48	164.00	9.05	0.50	74.7	7.8	00°4	211.25	52.53	5.18	147.20	7.78	5.28	10.72	24.87	8.34	11.05	5.09	12.46	5.87	25.63	5.50	20.	10.19	15.01	26.62	6.79	129.60	8	21.10	6.41	7.75	5.15	20,98	6.83	14.44	12.99	5. 5 5. 5 5. 5	(0.0L	5. 5.	99.76	15.41	5.08	14.08	
11.68	3.73	17.48	3.8	06:0	9:0	8.3	5.79		97.4	2 6	7 8	3 2	\$7.6 01.0	3.52	5.45	0.10	1.58	09.1	98.6	3.80	1.15	<u>.</u> 2	4.65	2.28	8.5	5.6	18.58	25.83	1.00	2.11	1.86	9 5	0.5	2.24	1.48	£ 5	3 5	1.87	1.28	1.67	1.47	1.44	<del>4</del> 28	17.58	89.E	0,10	1.85	1.65	9.58	
80.30	23.08	99.88	22.38	163.08	25.35	106.32	23.24	20.21	77.07	23.20	17.77	33.53	21.12	47 17	28.16	14.72	12.23	7.94	106.75	90.66	9.59	20.35	23.64	28.22	5.67	67.21	102.11	130.10	10.19	31.62	53.50	41.02 6.40	12.96	22.28	31.29	12.23	7.72	8.59	26.88	11.39	21.23	18.70	21.72	24.53	61.56	10.28	28.52	8.3	134.96	
W01603	AA186901	R02069	H84346	R38539	H38799	A845/8/1	196512	201071	A624448	000000	AA49494	H01826	AA483585	T82817	AA482251	AA521337	AAD01449	T51689	AA487582	R68706	T84663	H97748	R69307	R38300	K89862	NAZO10	W86107	N92134	N66839	R91176	AA029361	W0117	R91220	R91244	W25202	R91258	AA484880	R78550	R91271	H25907	N73575	186959	W44411	N49436	R 10545	R08372	N49669	W58368	W23546	
Hs.110524	Hs.75812	Hs. 179817	Hs. 1501	Hs.56066	Hs. 169764	H\$. /6/68	H8.11957	13.00	115.95262	10.0000	NE. 75455	He 169370	H 64	Hs 169465	Hs. 1659	Hs.81131	Hs. 44	Hs. 198005	Hs. 184161	Hs. 195877	Hs. 184571	Hs.34314	Hs. 182579	Hs.23352	Hg. 159865	He 180050	Hs 9950	Hs.194145	Hs.31542	H9.34371	Hs.31841	H\$.129764 H* 64260	Hs. 159867	H <sub>5.34394</sub>	Hs.153612	Hs.34396	Hs 82129	Hs.113718	Hs.34399	Hs.32202	Hs. 10352	Hs.193826	Hs.11814	H8.204315	Hs. 148877	Hs. 5080	Hs. 44541	Hs.79432	Hs.205507	
	625923	೩	210717	23073	22 1	208802	122139	101334	Č K	8 5	2 5	2 5	797016	2 6	840869	38	374	=	598	139109	111549	583	623	456	1845/0	9 6	456	7	577	025	£ 1	130572	127	160	308662	<u>-</u> 2	98	893	195139	181	8	333	323523	20504	128457	238	243887	341588	285514	

Page 24 (of 118 pages of Table 3A)

ja ja	ā	andress.	ž	mooth muscle	Umbilical cord	Jens	Pooled		Tostis	·8		ymph	Aorta	one.	hqmv.		Jerwix Jerwix	yiiighi iloog	end and neck	Pooled	D not found	Coton		Lung	ymph	<b>2</b>	Hacenta	whole embryo	Heart Least	eries Sortes	Esophagus	Pooled	ancreas	tomach	Small intestine	orta	Adrenal gland	Constrin	IB,	Norta	5 <b>L</b> n	Sreast	ancreas		Adipose	llood	one	oreskin	rigin.	oreskin	pleen
LID not found Other		•					Foreskin P		Uterus			_	•	_	Thyroid		lec Neural	a siraki	Series Series	E	Testis		SNS		Adrenal gland Lymph		<u>.</u> .	Pooled Adipose V		Ear			578.83 Bons Whole embryoPancreas		Esophagus S	etineThyroid A	E S	<b>.</b>		•	_	CNS	_	•	•	nec Thyroid E	usc Ear E	Stomach	• 1	5 .	Pool
695.13 Pool	143.33 Overy	משובים לייניים	205 73 Smooth muscle	592.98 Adrenal cli	406.51 Brain Eye	20.09 Pooled	225.84 Stomach	357.64	Blood	Cervix		77.01 Synovial memBlood	427.03 Head and nec Thymus	253.47 Umbilical cord Prostate	Cervix	372.07	43.31 Fiedd and	221 51 Barrings	111 21 Peripheral per	544.45 Aorta	461.79 Brain	640.87 Liver	Esophagus	Skin	620.93 Spleen	137.7 Synovial TemCervix	6/2.6 Cervix	12.17 Pooled	ONS SNO	474 73 Placents	200 Head and	22.84 Head and	578.83 Bons Whole embryol	740.03 Bone	Larynx	489.95 Small inte	137.71 Thyroid	268 38 Small intectingFva	Muscle	490.77 Smooth musc Liver	٠	135.47 Brain	16.54 Larynx	742.57 Liver	92.6 Small intestinePooled	225.28 Head and nec Thyroid	120.56 Smooth m	117.42 Thymus	47.28	11/.42 Inymus	490.05 Tonsil Pool
- :	2	:	2 2	• -	. 9	~	8	S				2	=	×	:	؛ ۾	۽ -	- :	: <del>-</del>	· <b>-</b>	ю	_			9	۱ م	~ {	20		10	: 3	: vo	so.	81		4 :	× ;	• -		4		en	ø	~•	-	= :	2	<b>~</b> ;	Ξ,	> ;	7 4
8.5	3 6	3 8	3 5	00	8	000	000	0.00	6.00	87	0.00	9.0	0.0	0.0	0.0	8.6	8 8	8 6	8 8	8	2.00	2.00	0.0	0.00	0.00	8.0	0.0	8.8	8 5	3 8	8	3.00	8	8. 8	8	0.0	8 6	8 8	8	8.9	8.1	8.	8.	3.00	8	9.00	8	8 8	20.0	2 6	8 8
3.00	8 8	3 8	8.6	8 4	8	300	1.00	200	11.00	22.00	13.00	9.00	1.00	1.80	8	10.00	9 6	8 8	8 8	16.00	000	0.00	1.00	1.00	8.	8.9	00.5	10.00	8.6	8 6	9	3.00	0.00	7.00	10.00	2.00	8	2.00	1.00	16.00	0.0	0.00	0.00	11.00	1.00	8.00	20.00	5.00	21.00	J. 6	 00.1
22.86	1.83	70.01	16.50	14.81	5.46	7.63	5.40	6.49	196.78	12.88	17.18	41.84	19.53	5.66	12.89	34.16	. 4	0 0	2 :	17.55	5.72	5.47	5.87	5.67	99'9	13.14	S 5	16.26		5. 50 5. 50 5. 50	22.88	11.73	9.78	19.66	8.32	8.16 5.16	5.26	5.74	90.00	22.31	\$.05	5.76	5.84	63.25	6.06	32.83	193,26	7.23	18.85	90.0	5.05
3.21	9.0	2 ;	2 S	8 6	2.37	2.96	3.53	3.35	0.08	5.08	2.08	0.35	1.42	24.41	6.36	2.7	/e.r.	· ·	3 5	. F.	1.00	00.1	9.90	1.36	17.43	2.07	7.71	16.19	30.12	2.03	3.06	0.0	1.00	3.31	97.28	2.84	6.62	0.62 2.73	35.77	0.92	3.12	1.00	4.29	3.53	38.43	0.54	1.68	5.94	90.6	9.02	3.41
73.36	20.50	0/19	\$ 0 5 0 5 0	14.81	12.84	22.78	18.08	28.49	16.45	65.10	35.47	14.51	27.62	138.07	82.00	418.98	116.20	25.02	5	54.68	6.72	6.47	68.09	7.71	88.63	27.20	58.07	263.24	15 97	17.76	20.02	10.58	9.78	65.12	809.37	23.15	34.79	50.70	185.57	20.46	16.75	5.78	25.47	223.03	232.75	17.78	326.89	42.95	.170.78	Z. 3	17.20
N95656	AA464143	008000	W52273	N3C362	AA454215	H79130	AA454618	H74330	AA458487	N45263	W69791	AA460301	AA487132	R27585	H27379	H53340	A40/0887	Koa isu	N73262	AA456008	AA068586	R76436	R44822	R18849	R25823	AA018658	H54367	AA455969	W33304	HOSSEL	WP4609	R36874	R56211	R62603	AA489611	AA453859	T68202	A4304461	AA456931	N93428	AA484652	N51278	AA486275	N57872	AA504327	AA056148	AA598653	AA452909	AA425947	AA452909	AA402431
Hs.182023	HS.12866	HS.44/65	H8.86489	He 24950	Hs 169829	Hs 182874	Hs.12479	Hs. 150000	Hs.197159	Hs.44970	HS, 139	Hs.106127	Hs.4295	Hs.82159	Hs.78869	HS.173451	HS. 77050	US./33/3	Me 1390	Hs.75823	Hs.182231	HS.2001	Hs. 77498	Hs.22559	Hs.4112	Hs.75137	Hs 23103	Hs.74621	US.02423	Hs 75909	Hs.74137	Hs. 552	Hs.78144	Hs. 80988	Hs.2795	Hs. 195518	Hs. 154583	H8.153466 He 76781	Hs.74549	TS.4	Hs. 168 102	Hs. 78913	Hs. 183583	Hs. 144567	Hs. 82911	Hs. 181148	Hs. 136348	Hs.184760	Hs. 4909	Hs 184760	Hs.75573
4561 293990		4565 296180			4583 795499		4592 811607				4606 344141				4518 163174					4638 812105								4670 812048										4/14 625285										4738 789049			4745 727526

Page 25 (of 118 pages of Table 3A)

			5	67 :	8	8 8	ıφ	229.78	Parces	5 5	Parathyroid
			82	30.15	23.00	8 6	2 -	694.88	Uterus	CNS	Germ Cell
	R01732 21.		23	8.55	8	8	· =	54.46	Parathyroid	Skin	Lymph
×			9.43	5.16	8.5	00.0	23	154.71	Ovary	LID not found	d Other
			1,35	8.07	2.00	0.00	9	372.68	Pooled	U	
	4A452278 12.		€ :	8.98	9.00	0.00	,		Smooth muse	ш.	Stomach
		10.20	8 6	7.58	8.8	000	<u>-</u>	318.28	Skin	Thyroid	Tonsil
	H94487 33.		222	14.9	8.5	8 8	-	682.9	Pancreas	Poor	Tonal
			2.35	5.40	1.00	0.00	ដ	45.84	Germ Cell	Blood	Adrenal gland
			3.43	13.08	8.00	1.00	=	22.83	22.83 Head and nec		Esophagus
			1.27	12.30	8.9	3.00	71	304.67	304.87 Heart	Whole embryoSpieen	yoSpleen
===			224	20.10	16.00	9.00	€	284.08	Placenta	Whole embryoPooled	yoPooled
			1.1	5.64	8	0.00	ត	316.22	116.22 Liver		Germ Cell
			9.30	20,32	9.9	2.00	;		Gall bladdar	Pancreas	Adiposo
	T1 881//N		2.12	5.58 1.58	8 8	0.00	=	127.97	5	Aorla	. B
			4 6	5.	00.	9.0	ţ	į	E87	Pancreas	CNS
			9.00	7.52	8 6	0.00	2	176.54			
			200	21.66	90.5	6.00	,	!	באָר י	Pancreas	Greast
- :			5 .	9.20	3 5	000	~	545.1		LID not foun	d Cher
			8 5	25.19	8 6	0.00			Ureast	Spleen	Muscle
τ:			// 0	6.01	3.00	00.0	2	575.39	Brain	8	CD not found
2			234	8.43	8	0.00	~	304.52	Ea		Blood
ğ			2.57	21.38	8	9.	2	98.6	Adrenal gland	_	Bone
g s			B 5	6.77	8 3	1.00	<b>4</b> ;	67.03	67.03 Kidney	Gera Cell	8
8 3			0.00	18.01	00.47	2.00	× -	517.31	S17.31 Speen	- nymos	Neural
Š			5 5	03.62	0.4.6	8 6	- 0	72.240	Placenta	r oreskin	6813
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6			88	661	300	000	,	-	Paratryroid	Foreskin	Eve
ş			30.53	6.35	2.00	0.0			Pool	LID not found (	id Other
8			25.0	9 24	5.00	2.00	12	217.06	CNS	Brain	LID not found
3			1.66	5.15	1.00	0.0	-	627.7	Breas!	Placenta	Lung
簽			3.75	5 33	1.8	0.00	2	15.9	Aorta	Stomach	Umbilical cord
Ž			2.06	4	3.00	8	=	410.24	Ear	Aorta	Breast
3			1.31	15.96	3.00	8	1		Placenta	Tonsil	Lib not found
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			10.0	8 :	9.5	3 8	2 a	376.63	Fiedents	- CSIII-	200
į			27.10	9.0	8 8	8 8	ه د	620.38	9 9	Cyrtonial mom Load	Teredoring Co.
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į	10000			2	3 8	3 8		3		5000	103113

Pago 26 (of 118 pages of Table 3A)

CNS	Parathyroid	LID not found	Other	Other	Head and neck	Umbilical cord		Aorts	Ovary	Pooled	Aorta	Breast		Stomach	Parathyroid	Muscle		Whole embryo	Sile Cile	Inymus		rye	. Coho	Lavax	Adrenal gland	Adipose	Kidney	Nose	Umbilical cord	8 4		Ear	oPool	Foreskin	Inyroid	n Pooled	Heart	Liver	Pool	Lung	Ü	Forestin	Loreston	Cympii Whole embryo		Cervix		Smooth muscle	d Brain	Parathyroid	
Bone	oc Ear	P00	LID not found Other	LID not found Other	e e	Ęar		Foreskin	Heart	w Ignore	Umbilical cord Aorta	er Kidney	;	Adipose	Tonsil	Breast			LID not found Other	Esophagus	ec skin	Frostate	Head and net Colin	Pooled	and Thyroid	Pooled	sc Germ Cell	Thymus	Pancreas		5	Stomach	Whole embryoPool		Ignore	Sc. Synovial men	Spleen	Spleen	Liver Gall bladder	יסי		Disconta	FISCHILLS	o de co		Parathyroid	Placenta	Lymph node	Adrenal gland Brain	Breast	
94.72 Lymph	143,53 Head and nec Ear	Testis	66.74 Pool	92.14 Pool	39.19 Small intestine	281.27 Cervix	Ŷ.	146.88 Cervix	675.53 Pooled	Bone marrow Ignore	666.82 Bone	97.74 Peripheral ner Kidney	246,63	671.23 Breast	363.82 Aorta	35.88 Eye	103.12 Gall bladder	Thymus	552.4 Testis	68.66 Larynx	081.81 H830 and n	14.31 CNS	254 9 Lanux	511 48 Thymus	Umbilical cord Thyroid	156.43 Bone	54.79 Smooth musc Germ Cell	585.08 Skin	747.59 Adipose	381.02 Umbilical cord Ear	103.12	352.89 Bone	Spleen	128.28 Tonsil	133.9 Epididymis	597.06 Smooth mu	151.92 Pooled Spleen Heart	459.32 Tonsil	Liver	Umbilical	93.94 Esophegus	59.6 Lympa node	- 16.724	431.00 157.88.1 vmnh	100.101	85.4 Uterus	Adipose	352.89 Nose	Eye	392.05 Tonsil	366.37
7	89		Ξ	9	Φ	G	8	ß	-		7	10	5	-	5	81	9		<b>-</b> :	₹ .	٠;	Ž 1	n 5	3 ~	•	15	-	ιn	- :	2 ;	<u>.</u> 5	5		7	2 :	<u>:</u> +	- 3	9			: 53	Ξ:	<b>.</b>	۶ ۲	;	×		. 12		တ	v
1.00	0.0	0.00	1.00	0.00	2.00	1.00	00.9	0.00	3.00	0.00	8.9	4.00	2.00	8.9	0.0	3.00	9. 9	8.	8	8 9	8	8.6	8 8	8 8	8	1.00	9.0	0.00	8.0	8 8	8 8	8	0.00	0.9	8 8	8 8	9 6	0.00	2.00	0.00	000	9.00	0.00	0.00	200	00.0	00.0	0.00	3.00	4.00	90.5
2.00	8.8	11.00	3.00	12.00	8	8.00	80	3.00	5.00	3.00	18.00	16.00	2.00	0.00	5.8 5.8	9.00	<b>9</b> .00	3.00	2.8	80	8.6	9.9	3 8	8 6	8 4	20.00	300	200	8	8 9	3 5	13,00	8	14.00	6. 6 6. 6	8.5	9 6	9.	15.00	4.00	5.00	9.5	10.00	8.6	8 6	8	2.00	1.00	9.00	6.00	200
71.17	11.89	11.49	9.34	20.66	8.54	12.78	44.82	19.95	12.92	7.10	199.54	38.33	7.91	12.19	7.26	20.53	26.94	12.42	8.05	6.52	9.16	54.9	6.28 70.48	<u> </u>	7.33	35.11	7.38	6.24	8.30	5.37	) r	61.28	5.20	15.17	33.32	62.03 6.78	0.0	5.12	22.32	11.43	7.68	10.25	19.06	6.42	6.75	5.08	7.18	6.72	29.50	11.44	61.17
2.35	3.53	1.98	13.73	0.65	3.89	6.24	1.55	0.59	1.00	6.21	6.08	3.75	1.00	2.62	1.33	1.0	<del>1</del> .80	2.0	6.58	13.19	5.75	16.0	2.50	7 97	0, 5	2.74	14.81	11.70	45.96	2.27	e 4	2.46	1.56	2.25	8.5	2.70	3 5	3.45	1.67	3.89	2	20.79	9.80	96.6	97.9	11.48	2.55	27.38	3.83	0.55	:
16.68	41.95	22.51	128.22	13.46	34.10	79.78	69.70	11.87	12.92	44.81	1212.46	143.92	7.91	30.70	9.68	20.53	28.94	12.42	52.89	8	96.9	75.50	13.81	86. AC	2 2	88	109.32	28	381.62	12.18	<b>7</b> 5	125.08	8.09	34.15	33.32	167.73	50.5	17.65	37.22	44.44	107.62	213.06	186.70	63.96	32.04	58.37	18.29	183.87	113.01	8.29	7 0.7
W72431	H47327	R99004	H65984	N54161	H90899	AA460152	H56033	R40897	AA035796	AA033584	R62612	AA085318	H24688	AA486471	R37937	W58658	H60423	N22178	AA399674	W55872	R14760	W84445	198152	AAA30304	AA399285	AA418811	AA478240	AA418755	AA455183	T64893	K40324	AA453712	H65526	AA262134	T49539	H55918	180352	AA521198	T73187	AA521453	H58119	AA608868	149159	AA463498	Nonasa	AA151486	T81323	AA457697	AA450189	AA489714	50000
Hs.82226	Ha.173159	Hs.38049	Hs.170775	Hs 124044	Hs.74316	Hs.3838	Hs.187576	Hs.177584	H <sub>3.77069</sub>	Hs.153910	Hs.118162	Hs.197921	Hs.171099	Hs.230	Hs.155568	Hs.74362	Hs.19710	Hs.15164	H9.2421	Hs.81328	18.74552	Hs. 196812	Hs. 78432	H\$.83002	Hs 75307	Hs.750	Hs.75093	Hs. 183373	Hs. 74619	92.5g	HS.7137	Hs 20014	Hs 115279	Hs 79033	H3.197887	Hs. 159554	70008	Hs. 10037	Hs. 75576	Hs. 195790	Ha. 10729	Ha, 3059	Hs. 75716	Hs. 3631	He 204359	Hs 194815	Hs 76422	Hs. 177516	Hs. 196837	He.29285	Me 28728
345616	193182	200937	3927	247482	240961	195877	203551	28469	380047	471286	6008	7247	160838	1162	24032	341246	7920	4321	9942	10734	30170	56665	21722	126697	7881	767851	71323	57798	3885	3728	8038	3833	210317	11918	7654	2614	170221	26668	85979	826204	15745	697971	70692	796986	2020143	503037	77915	610703	789147	824393	141037

Page 27 (of 118 pages of Table 3A)

Nose	Cervix		Synovial membrana	Synovial membrane	Muscle	Muscle	Bone	Breast	Placenta	Neural	Adipose	Other	Other	Heart	Other	Kidney	Other	Other	Heart	Other	Placenta	SPlacenta SPlacenta	Adrenal gland	•	Stomach	Other	Other	Other	Other	Other	Other	e£ye	Other	Stomach	Testis	Heart	g and	5 T	200	3 3	200	Kidnev	Stamach	Kidney	Bane	Umbilical cord	Uterus	LID not found		Other	Whole embryoLID not found	Bread	:Ovary	Kidney	Kidney
w Lerynx	Parathyroid		Adipose	sc Cervix	Parathyroid	Adrenal gland Muscle	Aorta	ia tu	>	Foreskin	Umbitical cord Smooth muse Adipose	LID not found Other	LID not found Other	Pooled	LID not found Other	Umbilical cord Kidney	LID not found Other	LIO not found Other	Color	LID not found Other	уоОчалу	Whate embryoPlacents	Skin		Pooled	LID not found Other	Small intestineEye	LID not found	Ea	Placenta		Ovary	enen-	T TOOK	Musch	Head	Implicat cord Uterus	180 CNS	Gall bladder	Pooled	Lymoh	•	-		LID not found Other	Whole embryo	Pool	w Head and nec	ryoSpleen	Placenta					
183.31 Bone marrow Lerynx	Nose	385.82	162.79 Marrow	171.89 Smooth musc Cervix	257.43 Nose	84.58 Bone	32.59 Pancreas	524.49 Aorta	68.56 Bone marro	458.65 Epididymis	176.77 Umbilical or	441.32 Breast	Psol	395.51 Placenta	540.74 Breast	382 Cervix		216.99 Pool	Breast	P80	Whole ambryoOvary	95.35 Colon	275.71 Thyrold		417.77	128.07 Pool	P. 86	Pool	P8	Pool		626.75 Ear		Eye	45.99 Brain	726.84 Smooth musc	342.2 Brain	44.42 CNS	Market A	Tonsil	540 87 Placenta		55.53 Smooth musc CNS	277.28 Adiposa	Aorta	Pooled	18.31 Esophagus			413.5 Pool	403.14 Pool	152.51 Skin	426.78 Bone marrow Head and nec Ovary	155.38 Whole emb	475.18 Eye Placent
18		ÇP	60	-	15	2	₽ .	ın.	Ğ	<b>6</b> 7	-	9		ю.	∞	9	_	7				_	×		5	=						vo.	=		14	es (	۶ -	٠ :	2		,		=	•			19	7		7	4	=	7	13	5
0.00	0.00	3.00	0.00	0.00	0.00	0.00	90	3.00	00.	0.00	1.00	00	0.00	1.00	2.00	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	9.00	2.00	00'0	0.00	9.00	0.00	0.00	0.00	1.00	0.00	0.00	8.	83	8 5	3 8	88	000	000	8	2.00	0.00	0.0	00.0	8	00.0	1.00	8.0	0.0	00.0	6.00	8.	1.00
2.00	8.	4.00	9.00	6.00	2.00	15.00	3.00	2.00	0.00	00	0.00	0.00	3.00	0.00	2.00	1.00	3 00	<b>4</b> .00	14.00	8.00	1.00	<b>9</b> .00	00'1	8.00	80.00	1.00	2.00	11.00	<b>4</b> .00	8.00	9.00	3.00	<b>4</b> .00	9.00	8.	5.00	9.6	8 -	8 2	3.00	00.1	2.00	6.00	1.00	15.00	7.00	8	14.00	0.00	9.1	1.00	2.00	<b>6</b> .00	2.00	0.00
89.9	8.65	48.53	9.91	6.41	7.71	20.36	9.62	9.74	7.28	86. 86.	5.31	5.47	1.1	SF:	17.53	223	13.14	6.68	10.90	85.16	5.13	14.20	5.5	18.25	27.38	6.63	6.93	67.12	41.38	10.36	15.60	9.30	11.78	10.09	5.50	13.20	47.99 70.78		, r.	16.49	5.02	6.62	9.07	5.10	25.22	7.74	5.13	469.65	5.00	5.32	5.68	6.28	12,15	8.26	5.12
14.24	12.22	3.91	8.62	18,62	11.14	5.70	21.54	20.09	3.94	19.46	1.77	0.	3.68	2.78	1.00	2.27	7.73	1.47	2.59	0.82	2.83	0.36	52.01	1.58	2.58	1.44	4.40	2.09	1.12	0.62	5.47	24.59	4.63	5.07	1.00	10.17	6.29	5.22	205	1.03	2.54	6.91	0.73	10.54	3.38	4.55	4.69	0.36	14.73	9.0	8.41	69.9	2.21	3.84	3.5
64.81	81.25	189.79	95.29	100.11	85.86	116.00	207.14	(95.72	28.69	167.47	9.9	5.17	40.90	23.80	17.53	11.87	64,101	9.85	28.20	53.03	14.51	5, 15	286.34	28.55	70.72	9.57	30.46	140.00	46.14	6.41	85.35	228.73	54.59	51.13	S.	134.24	16. A	2 %	38.03	16.94	12.75	45.70	6.61	53.78	85.16	35.25	24.08	168.27	73.72	47.92	47.71	41.98	26.63	31,68	7.62
AAS98759	AA448667	AA446108	R42815	AA488504	158002	AA406332	AA608558	AA486628	R39578	AA496780	AA453293	H43657	R92669	R62780	H27590	183996	HESALE	H64244	H63668	H56088	R23302	T85191			R89935	H37799	R14894	H37886	R92285	T81034	R19183	AA025807	R92292	R33103	AA453458		A4485365 A443253	Nesoca	H77714		N26802		-	AA454597	_	AAG85749	-	AA121778	T90438	N49996	N99803	AA004210	AA453994	_	_
Ma. 75888	H9.77254	Hs.76753	Hs.84753	Ha. 1869	Ha. 169919	Ha.92962	Ha.98910	HS. 738	Ha. 105509	Hs.76111	Hs. 188	H8.32296	HS. 34426	Hs.21201	Hs.96800	Hs. 15395	H3.176504	Ha.34458	He.3238	Ms.34498	Hs.28783	Hs.15866	Hs. 17775	Hs.204138	Hs. 173739	Hs.32683	Hs. 153334	Hs. 32698	Hs.34558	H3.14841	Hs.98269	Hs.204406	Hs.34560	Hs.118087	Hs. 7301	Hs.77356	HS.10/159	Hs. 159492	Hs 39800	Hs. 184340	Hs. 94998	Hs.184446	Hs.7472	HS.182793	Hs.95388	Hs.153884	Hs.7724	Hs.95685	Hs.8353	Hs.166588	Hs.39938	Hs.29216	Hs.7788	He.172620	Hs.113663
5149 897673		5151 774409		~		5163 753381															5238 131050						5267 129567			5274 109269				5283 135800	5284 785151	5290 469952	5300 782306	5301 263858	5305 233446	5307 320392	5310 257011	6311 811059	5316 795677	5324 811582	5326 131016	5331 488303	5332 811035	5334 563701				5355 429222			

Page 28 (of 118 pages of Table 3A)

	LID not found		Kidney	Soleen	Sol		Bone marrow	Dancosa		Če si	Aorta	Heart		Ear	Coll blodder	Can Decode	Unblical cord	Placenta	Uterus	Breast	CNS			Tooni	I militari poste	Omosical cord	Biood	Whole embryo	Gali bladder	Stomach	Stomach	Thyroid	Brain	Brain	Aorta		Uterus	Adrenal gland	Placenta	Paradhyroid	Adipose	Podied Podied	, L	Celon		. כ	10 per found	Blood	Testis	Liver	CNS	CNS	Blood	Adrenal gland	Umbilical cord vein	Breast	Slomach	Muscie	Synoviel membrane
	<u>Poo</u>		Breast	S	ŭ	ì	Small intestineBone marrow	N. C.	?	. 1	ŭ	Prain		c Synovial mem	i i	5	d Aorta	Stornach	gland	Germ Cell	Cervix			Missila	200	5	<u>.</u>	adder		Eye	Adipose	Parathyroid	CNS	Tonsil	Nose	Umbilical cord	Ovary	P009	Erain 6110	20	rd Esophagus	ic Lymph node	3	esopuague * compt	, Par	Preset		e de de	· .	volteart	Thyroid	Pancreas	Adrenal gland Whole embryoBlood	Spieen	Muscle	Germ Ceil	ervous system	Brain	Larynx
	84.78 CNS		Foreskin	425 67 Omentum	443 88 Thymus	318.41	Epididymis	557 85 Smooth Dust CNS	20.00	244.11 Sign	Tonsil	10.27 Eye		50.3 Smooth music Synovial mem Ear	47E 44 1 no my	4/0.11 Larytik	293.18 Umbilical cor	344.5 Thyrold	69.79 Stomach	-8.56 Tests	123.72 Cervix	322.26	161.26	24.78 Tacks	245 4 445000	SAD. 1 AGDOSA	57.43 Inyroid Foresk	356.98 Bome	339.79 Small intestig	635.81 Foreskin	309.46 Skin	237.93 Trachea	-7.15 Adipose	20.4 Esophagus	307.9 Ignore	100.33 Thyroid	Pancreas		76.39 CNS Errain	EUM NICOMO CT. 189	197.2 Umbilical cord Esophagus	Sum mooms 12.781	SOCIAL MUSICA	200.44 Longs	164 45 Bone marmis	216.22 Skin	04.45 Brain	vove	249 74 Musch	Whole embryoheart	302.66 Blood		Adrenal glan	508.5 Adipose	727.92 Omentum	153.23 Blood	143.61 Peripheral nervous system	Blood	126.78 Ignore
	2			13	. 4		,	-	- ;	2		7		=	: -	- ;	×	12	19	19	<b>*</b>	17	: ^		- ;	= 6	3	o	11	7	11	=	ო	17	17	60		,	₽,	- ;	53	ĵ.	D (	200	• =	2.5	2 4	2	=	:	50	-		2	-	=	=		23
ĭ	0.00	0.0	5.00	900	8	8	200	5	3 8	20.2	8.0	9.0	8	8	8 8	3 3	8	8.	8.	8.8	000	5	8 8	3 8	3 8	3.00	3	3.8	0.00	0.0	9.00	9.00	2:00	0.00	8	8	000	8	00.0	8	8 1	8.8	8.8	8 8	8 5	8 8	8 8	8 6	8 6	90	000	2.00	0.0	8.	8.0	3.8	1.00	8.0 8.0	0.00
To be or	2.00	1.00	2.00	50	5		200	5	9 .	17.00	2.00	1.0	00.4	2 00	9	207	17.00	1.00	7.00	9.00	1.00	001	2	8 5	3 5	9.0	9	20.00	90.	).00 0.1	9.00	9.00	0.00	3.00	9.00	15.00	6.00	000	9.9	0.00	23.00	0.0	3 5	3 6	3 -	9 6	9 6	9 6	12.00	60.00	2.00	3.00	9.00 9	14.00	1.00	1.60	15.00	<b>6</b> .00	2:00
	7.45	6.62	32.45	2 82	10.00	5.86	34.28	14.47		18.05	7.36	5.43	£.5	10.87		6.9	140.33	5.44	11.27	51.13	5.94	9	6.35	9	5 6	) i	i i	18.62	5.53	6.90	24.08	156.76	12.29	7.16	16.43	90.19	10.28	5.52	10.19	6.99	32.79	3.85	ng.	CB. 85	1 20	5 5	3 5	3 4	3 2	17.65	5.91	10.25	8.10	12.22	5.20	18.64	15.25	17.78	0.10
	3.55	0.85	0.51	62.5	1.87	2	4 03	5	8 6	3.00	8.55	3.57	1.00	55 0		13.20	0.12	9.86	1.92	0.63	5.88	7.4	83.44	2 63 6	5 6	3 5	9	23.43	6.36	1.76	0.24	0.10	1.00	0.98	0.61	0.18	2.17	9	2.	1.57	1.74	8.4		B	, ,		- 4	6.5	3 6	2.5	15.60	9.28	67.49	25.07	7.25	9.	19.18	0.28	2.33
	26.43	5.62	16.52	2	20.00	5 88	125 83	27.73		50.15	62.87	19.41	41.53	89.8	3	<b>3</b> :	17.51	53.62	21.68	32.19	8	2	527.68	35.03	0.00	0	2.7	438.17	35.18	12.18	5.68	15.68	12.29	7.10	9.97	9.66	22.31	27.00	17.65	10.99	57.19	34.17	90.0	33.08	97.4	5.6	25.50	£3.03	45.13	55 48	92.18	94.83	548.80	308.30	37.73	16.64	311.79	27.	18.88
	R92163	R77079	H53274	Profile	AAASABA	T67549	AA011215	7,000	1000	AA455222	W32135	H16456	AA453728	AA133684	100000	ACOOPL	N75719	AA455369	AA399519	AA455197	R14855	TRAZOR	A4464731	130067	000000	Kelesa See	H22363	177595	AA490213	R37519	N76581	H02158	R40400	W24076	AA036974	AA463410	H91258	AA418670	R59697	H2104	147442	AA156940	2004000	K13555	9895686	AA292034	100000	704850	44196000	AA477944	AA004759	AA102454	W44701	T50628	AA028809	H12189	AA598526	AA461506	H39699
	Hs. 175979	Ha. 142295	HS.81182	Ha 189856	He 70675	He 75576	He 195707	73000	113.0000	H8 179657	Hs.44450	Hs. 74566	Hs. 173736	Hs 173288	100063	CCASA: SL	Hs.82085	Hs. 170222	H8.21223	Hs.2706	Hs 79162	He 185923	He 450580	12.22.00	10.000	135 1360 /3	HS CCT SH	Hs.204133	Ha. 178137	Hs. 197845	Hs 23106	Ms. 120980	Hs. 172651	Hs.118021	H <sub>5</sub> . 198241	Hs. 51233	Hs. 138604	Hs 2780	Hs.25283	H3.460	Hs.82353	Hs. 168468	H3.65/36	HS. 10247	U- 76507	7884	11- 100000	HS. 190000	He 1246	He 155545	Hs.5085	Hs. 76288	Hs. 172689	Hs.9216	Hs. 1288	Hs. 74427	Hs. 197540	Hs. 78358	Hs.75900
	195487	144029	202577	128875	810018	58082	359835	46007	1800	810017	320763	47647	813841	587010	20130	50507	244307	812227	728779	809981	129506	5434 115143						23185	823940	137254	245198	150623	27787		5478 484535	788185	241348			51448	71101				745347			07070	A28357	759873	429182	549728	320903	72778	368511	-	•	•	262932

Page 29 (of 118 pages of Table 3A)

ymph node 3one	Brain	Sidney	je i	CNS	risoenia	naon	200	naen Per	Cunar	1480		Stomoth	Doubed	LiD not found		Adrenal gland	oreskin	Whole embryo	LID not found	ther	LID not found	Other	Kidney	arethyroid	Parathyroid	Jmblical cord	Heart	Pooled		Cine	, see	, and	Į	Smooth muscle	Liver	Other	Ither	Other	Other	Other	Other		Cerix	LID not found	Other	Other	Cihar	Other	Aorta	Blood	E 24.0	Joner Pancreas
	_			_	;	Spicer 1	ş	Validia allica yor ode	Compet found				1	Placenta		Stomech	8	Pancreas W		found		Pung.	rg Tg		_			Germ Cell P	200	LID not lound		11D and found Other		Ear	oid -	LID not found (	LID not found Other	LID not found (	LID not found Other	LID not found (	LID not found Other	- So	Placenta	Pool	LID not found Other	LID not found Other	LID not found Other	LID not found o	Adrenal gland Brain		7	Tonsil 1
151.5 Smooth musc Esophagus 612.61 Spieen Aorta	45.1 Uterus	Esophagus	67.54 Smooth musc Pooled	46.69 Eye	Smooth musc car	SSU 75 SWIN	570 65 Glaces	370.33 FIBORILE	131.34 Oranga	747 0C	00.14	summer year book to sor	TOTAL CO.CO.	373 71 FVA	142.59	335 16 Cervix	Germ Cell	735 77 Thyroid	740.99 Liver	391.73 Pool	629.01 CNS	510.06 Placenta		326.53 Eye	Placenta		261.25 Piacenta	371.25 Blood	č	Placenta	Can Jave	Pood	43.44	304.08 Aorta	59.56 Ignore	243 Pool	Pool	544.88 Pool		220.59 Pool	<u>8</u>	Kidney	Spleen		415.27 Pool	<u>8</u>	8	8	Adrenal g	167.19 Liver		Uterus
20	10		=	4	;	٠.	n 4	; ه	=	•	2	۶	3 ;	: ;	: -	Ą	!	-	-	v	g	5		•			=	-					. 20	<b>.</b> თ	9	5		2	2	5					s				;	= :	2	
0.00	1.00	4.00	00.1	0.00	8 3	90.0	8 6	9 6	2.00	8 8	9 6	80.0	9 6	90.0	00.5	5	9 0	2	00.0	000	8.9	00.0	6.00	8	0.0	8.0	6.00	000	0.00	0.00	8 6	8 6	8 6	8	90	8.4	000	0.0	8.8	0.0	8.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.4	8 8	9 6	. O
6.00 00.6	0.00	1.00	1.00	5.00	2.00	20.00	9.00	9.5	20.00	3.00	2.00	00.5	9.6	3.5	8	2	3 2	8 8	00	8	6.00	1.00	7.00	1.00	10.00	1.00	9.00	8	00.0	00.00	3 8	8 8	5 G	16.00	9.00	3.00	1.00	2:00	1.00	6.00	2.00	8.9	8	2.00	21.00	2.00	3.8	2.00	0.00	5 6	8 3	1.00
6.85 67.88	5.85	82.36	6.01	6.20	7 88	110.87	20.63	. S. G.	138.36	23,73	10.22	6.35 5.45 5.45 5.45 5.45 5.45 5.45 5.45 5	00.72	) 55.05 25.00	6 70	y c	2 6	2 6	55.48	5,13	21.48	9.85	31.82	5 92	8.38	5.35	303.03	5.63	23.97	10.60	98.7	G 6	10.01	27.99	80.63	8.88	6.19	7,47	5.56	17.62	5.52	10.26	5.85	9.12	29.88	6.24	6.21	8.41	20.28	5.70	61.80	25.24 6.67
70.05	9.1	0.13	3.31	16.96	7.15	1.67	9.74	3.32	8:	8 6	2.81	29.0	87.0	2 6	3 5	3 3	5 8	5 6	9 0	3,60	0.31	0.81	0.38	4.96	1.96	33.13	0.28	2.54	32.69	1.75	5.4 F 6 6	6.0		690	80	5.1	8.02	2.8	7.97	0.68	18,33	2.28	1.40	0.17	2.48	5.16	2.21	11.42	1.98	5.15	1.58	3.45
480.34	5.85	10.67	26.54	105.24	2	185.28	15.32	19.32	136.36	80.13	28.72	6.89	66.7	9.5		9 6	9 0		4 4 4 4	18.48	5.74	7.85	11,93	29.38	16.45	177.34	85.42	14.30	768.28	18.59	51.53	G 6	65.80	19.18	6.39	17.21	49.61	15.17	44.35	10.11	101.25	23.43	7.90	74.43	74.05	32.18	13.71	73,17	38.75	29.39	96.28	86.99 45.87
AA599175 AA076083	AA053285	R08816	AA148230	H14841	W87611	H86738	AA478043	AA463297	AA282906	AA490684	H00614	R53889	AA30461	K98695	20101	44756533	AA433004	THE COLUMN	B90311	198075	T74714	R66994	T98615	T82415	R68492	N91311	R36181	N30491					A10887		R33355			HB0491	W02401	R09386	W02591	R99419	R71531	H60668	N52517	R99682	R99690	W00793	H68663	H65052	R32428	W00794 R96804
Hs.74497 Hs.182183	Hs. 12503	Hs.1211	Hs.90753	Hs. 78854	Hs.23442	Ha. 76929	Hs. 80645	Hs. 75825	Hs. 169510	Hs. 118397	He. 196322	Hs. 172207	HS. 74111	HS.112844	18.20470	13.13010	16.173231	20020	H 12002	Hs 18213	Hs 169501	Hs,28613	Hs. 166919	Hs.78305	Hs.28821	Hs.31731	Hs.25087	Hs.12259	Hs.8215	Hs.28646	Hs.114670	HS.12908	H5.5004Z	He 109439	Hs 10086	Hs.35094	Hs.126805	Hs 182296	Hs.194545	115.176817	Hs.50308	Hs. 18827	HS.107171	Hs.37856	Hs. 188008	Hs.36144	Hs 35148	Hs. 50381	Hs.21851	Hs.76530	Hs. 79946	Ha.50382 Hs.68647
5519 949932 6521 646189	5522 488019		٠,	•	5542 416859	~	_	_	5556 713145	~	5581 46182		_	5569 205907			_	-		-	-								5649 248620	5656 140103		• •	5666 294951		5671 135791															5725 210548		5730 296568 5734 200307

Page 30 (of 118 pages of Table 3A)

						roid		5	1	CNS	nd neck	93		LID not found	found		88				Jmbilical cord	Adrenal gland	ague							•					•	<u> </u>				Ē				t found	5	•	Cell		. <b>5</b> .						
į		000	ž .	S S	Pooted	Tare o	Tone	Pieces	Breast	CNS		Placenta	ac Adipos	5	5	Muscle	Pancreas	S S S	Ovary	Hear	Capit	Adrens	Esophagus	Pooled	Kidney	Biood	Color	Bone	Lymph H	Adipos	Ulerus	Ė	Spleen		Famolia			Lavax	Spies	Foreskin	SRS	Breast	Cervix	אמרום וסל	Stornach		Germ Cell		Foreskin	yoEye	Clarus	Pooled	Aoria		
:	CID not found	Persunyroid	DC CKIN	8	Spleen	Clercs	ensore tring	A COVER	Pooled	Adipose	w Lymph node	Pancress Placenta	Smooth mus	Lung	Brain	Prostate	CNS	Ear	Skin	Brain	w Adipose	sc Nose	Skin	sc Ovary	yoPool	erCNS	Brain	Foreskin	Pancreas	Skin	-		Pancreas	Muscle	Aceta	11.24 52 61 Bone marrow Synovial mem	Discente	n Thyroid	Foreskin	sc Nose	em Brain	Kidney		Whole embryould not found	sc Pancreas	Gall bladder	Tonsil	479.44 Umblical cord Esophagus	Pooled	Bone Whole embryo£ye	nd Prostate	Larynx	Heart Tear	1	Loreskin
	8	103.85 Pancreas Parati	E Hoad ard	204.26 Placenta	390.76 Skin	Car	155.4 Spieen	Periodemi ner Overv	6 lanem	Neural	3 Bone marro	54.62 Lymph F	8 Marrow	9 Prostate	Lung	Blood	278 45 Pooled	Blood	7 Thyroid	522.26 Ear	168.75 Bone marrow Adipose	106.42 Smooth musc Nose	1 Lymph rode Skin	Smooth musc Ovary	71.09 Whole embryoPool	3 Portphoral r	400.33 Ear	4 Brain	428.92 Germ Cell	118.71 Thymus	·	631 Esophagus	158.18 Liver	3 EBr	A Andre miestina i nyroid	1 Bone marro	R1 R3 Dool	Synovial mem Thyroid	366.74 Tonsil	40.71 Smooth musc Nose	Synovial mem Brain	119.23 Parathyroid	132.5 Stornach	57 Parathyroid	216.81 Smooth muse Pancreas	158.63 Placenta	223.55 Neural	4 Umblical o	8 Larynx	Bone	9 Adrenalgta	·	56.61 Synovial mem Heart		69.33 Adipose
		A. 60	45	204.2	390.7	331	198.0		87.5		36.4	2.0	247.2	70.B			278 4		412.1	222.2	468.7	106.4	216.1		71.0	576	400.3	51.8	428.8	118.7	541.7	3	158.1	2.7.	311 24	52.8	4 4 4	2	366.7	40.7		119.2	132	•,	216.8	458.6	223.5	479.4	51.1		7.7	36.94	56.6		7.80
	,	2 6	2	= !	9	,		•	83	l	F	11	7	о.			<b>5</b>		~	-	ø	ឧ	<b>ē</b>		6	-	Ξ	<del></del>		<b>.</b>	_	-	τ (	83	ţ	ğ	۳ ا	•	60			8	9	Ξ	4	9	8	5	23		Ť.	2 -	n		<b>"</b> .
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;	8:	00.6	3.00	000	18.00	2.00	8.8	8 6	00-	8	2.00	00'9	10.00	2.00	1.00	6.00	9.00	6.00	0.00	11.00	12.00	0.00	9 -	4.00	2.00	0.00	0.00	2.00	6.00	00.0	00	14.00	2.00	8 6	5 5	3 8	2	8 8	8	2.00	80.7	8	2.00	2:00	8.	9.0	2.00	8.9	00.6	8.	8	16.00	88	3.6	1,00
į	5.83	<b>X</b> 5	90.7	5 32	25.12	6.47	9.8	7 18	8 74	6.32	5.93	89.52	18.79	8.00	5.73	13.06	102.03	13.26	14.67	25.73	122.01	10.08	7.07	23.17	49.48	7.47	9.20	42.67	18.68	6.67	896	22.97	14.53	19.15	50.34	9 9	5	2. C	7.05	5.53	9.35	7.82	8.15	9.63	38.31	12.36	33.54	11.29	24.26	8.40	7.92	12.71	5.24	07.9	Ö.
	11.18	29.0	1.93	3.80	3.33	11.77	8 7	, E	5 E	3.77	5.24	2:00	2.48	340.93	1.92	0.52	0.43	<del>1</del>	8	0.43	8	1.68	68.33	9.	0.27	8.	<u>5</u>	8	98.0	5.47	10.56	8.65	<b>3</b> .	8 8	3 5	2.13	000	26.85	5 10	40.4	0.79	2.90	8	6.01	5.62	11.17	0.26	10.42	8.	2.84	2.48	9.80	8	34.65	3.80
	66.30	10.22	13.62	20.72	83.53	76.19	16.6)	7 18	45.33	23.85	31.10	179.16	41.81	2048.09	10.99	6.79	43.57	98.62	14.67	11.16	122.61	16.93	680.72	23.17	13.41	7.47	9.20	42.67	17.41	36.49	102.30	198.59	67.09	24.60	62.51	34.95	20 9	175.85	35.96	248.05	7.38	46.12	8.15	11.77	215.21	138.08	8.79	185.44	24.28	23.85	19.63	124.55	5.24	276.06	/6.12
	W01026	AA454504	AA455519	N76193	AA136983	H78007	156288	- AA455145	R50354	AA232979	AA083407	H56918	H93249	N91584	H09936	H45663	87777N	AA193254	AA405891	R 19676	R43734	R63224	R20379	AA454646	H15634	H20872	AA424516	R69355	H51404	AA458472	AA443497	AA464152	R61229	R69212	H656/6	WANGAR	740040	H63706	AA452568	AA485911	N52089	AA010609	AA521346	W373D6	AA598601	AA598561	AA521243	AA441895	AA292995	AA496809	R34205	AA251800	N76361	AA508548	AA278840
	Hs. 161529	HS.20218	H8.4299	Hs.74615	Hs. 75829	Hs.182391	HS. 79340	Hs. 87222	H 2250	Hs.87150	Hs.68054	H8.159554	Hs.155986	Hs. 161542	Hs.30956	Hs.25180	Hs.104119	H\$.79306	Hs.73149	Hs.198353	Hs.78672	Hs.110636	Hs.75309	Hs.1116	Hs.199122	H3.763	Hs.82845	H\$.80306	Hs. 36566	Ha.73932	Hs. 81281	H8.77266	Hs.75335	Hs.79085	H\$.118222	M: 9613	11, 460636	Hs 5387	Hs. 180812	H\$.118778	Hs.22777	Hs.81849	Hs.8724	Hs.37045	Hs.77328	Hs.43910	Hs.75574	Hs.11465	Hs.180015	Hs.152292	H8.22451	Hs.154762	Hs.107751	Hs.197217	Hs.197925
	296602	809208	809824	284592	491113	233845	74583	80281	153025	989899	549146	204614	241880	303048	46356	127773	289666	665774	742101	34888	32809	187147	34849	811900	49509	51447	767069	142122	179500	803608	21.2	810331	42558	41591	78972	310358	30480	209246	788518	843140	282587	430318	826135	322051	898218	898198	827144	774036	725503	897687	138449	584651	245147	10000	703846
	5	2740	5744	5755	5756	5759	5763	478 878	2 2	577	5772	5779	5780	5790	5791	5796	5798	280	2804	5808	583	5814	5916	<u>8</u>	5824	<b>285</b> 6	5827	583	283	5839	<b>284</b> 3	5845	2850	2862	3 8		9	3 2	5869	5871	\$872	5877	5883	5885	<b>2888</b>	5893	<b>5</b>	2905	8	5 9 9	5918	5916	200	56	77A\$

Page 31 (of 118 pages of Table 3A)

Blood LID not found	poor	pool	onsil	Cervix	.ID not found		io roi tourd	Whole embryo	Implical core		Other	Adipose	Lousil	Heart	Paramyroid		, Jiget	Kidney	Storach			Germ Cell				3	nean Afterla combasta	Whole emolyo	Whole embryo	E S	Other	isuo:	Lympn Lib est found	Cook Idelia	LID not found	Eye		Muscle	Skin	Tonsil	Adiposa	Parathyroid	Tonsil	LID not found	LID not found	Eye	Ovary	Kidney	Other	Heart	LID not found	<b>1</b> 000		Ovary
Tonsil Pool	Thyroid	Brain	_	E PE	Pool				Parathyroid L		LID not found Other	- bymas		9		Parathyroid	-	Parathyroid	Inyroad Stories	LID not tound (	,	-					Piacenia		Great		5				P 20	testin		Lymph	Ear	Thyroid	Stomoch	Aorta	Gall bladder	Foreskin	Heart	Placenta	P00 	Cervix	LID not found	Foreskin	Pool	. 1	Breast	Breest
257.7 Lymph node Tonsil	-	229.47 Pooled		Small intesting	Breast	737.83	Gran	545.1 Foresian	Lymph node		508.28 1'001	378.02 Lymph node	243.99 Placenta	Ę,	Foreskin	Placenta	Pool	123.83 Aorts	4/0.33 Muscle	8		Adrenal gland Colon	247		;	25.55	159.78 Ovary	2/9 45 Prostate	354 55 Thymus	Paratnyrod	668.69 Pool		Faramyrdia	A4 18 Germ Cell	Pancrass	626.75 Ear	28.08	Ear	252.77 Liver	Pootod	245.91 Skin	Gall bladder	120.82 Esophagus	Nose	415.54 Foreskin	351.24 Breast	366.05 Eye	Bone	417.35 Pool	Parathyroid	455.55 Pigoanta	Pooled	375.88 Foreskin	34.68 Marrow
=		^	13			-	,	2		!	<b>9</b>	<b>о</b> !	5					<b>თ</b> ·	•		-	,	60			•	m >	Κ (	~	•	N, 3	<b>«</b>		α	9	vo			6	.•	. 13		×		12	18	ъ		2		4		<b>60</b>	<b>e</b>
3.00	8.00	00.0	8.0	9.0	8.0	8 9	8 :	0.00	8 :	2.00	00.0	000	0.00	2.00	8.5	9.1	9.00	0.00	9:0	0.00	3	0.0	0.00	6.00	0.0	00.1	8 6	9.5	8.5	8.5	8 9	8 8	8 8	8 8	8 8	8	9.	6.00	000	0.00	<b>0</b> .00	3.00	0.00	<b>9</b> .00	0.00	2.00	0.00 0	5.00	0.00	0.00	1.00	0.00	2.00	2.00
6.00 0.01	7.00	00.1	00.1	00.1	2.00	00.1	0.00	00.9	מט טכ	5.00	3.00	8	5.00	9.00	00.5	4.00	9.00	8.5	3.00	8 8	3.00	8	8	9.00	14.00	5.00	8.6	8	7.00	1.00	9.60	5.00	8 8	3 5	3 5	8	8	8.00	9,1	9.1	8.	8.00	2.00	8.8	8.	8	8	1.00	2.00	9:	0.00	14.00	2.00	3.00
9.73 6.29	14.27	5.04	6.28	90.0	5.85	9.66	7.53	14.12	45 89	10.55	92.5	8.41	14.84	9.53	7.05	7.72	41.05	5.40	23.33	2.5	n :	9.49	55.58	20.26	31.11	7.12	6.49	00.0	24.16	6.08	<b>5</b>	0.5	5.79	C	9. 9	6.80	13.62	58.36	5.39	11.51	5.78	12.54	1297762.50	112.88	7.13	6.92	6.85	31.84	6.87	5.66	5.88	4766220.91	6.12	15.22
1.00	0.84	5.18	1.98	12,24	11.93	1.72	8	66. 6	330	1.55	4	86.19	4.51	2.53	7.08	2.83	291	20.	5.21	17.57	3.84	5.08	1.68	2.75	- E	2.55	2.01	20.53	1.78	4.79	2.07	6.51	E. 39	7.7	0 6	4.08	7.25	0.17	1.10	<b>3</b> 0.00	14.27	4.08	0.00	0.10	1.18	1.00	3.91	0.99	6.74	11.53	1.00	0.00	2.75	0.56
9.15 6.20	11.07	26.09	12.51	98.71	69.82	10.07	7.53	13.98	151 48	16.35	13.58	724.81	66.98	24.08	49.78	22.58	119.58	63.91	121.53	0.04	38.44	43.11	104.75	55.73	68.47	18.14	308	112.87	60.09	23.14	35.31	77.49	8.03	5.15 5.16	5.73 5.73	27.74	99.69	9.90	5.98	58.01	82.46	51.15	12.98	11.29	8.40	9.82	26.76	31.38	46.32	65.23	5.88	47.66	16.63	8.53
AA481547 AA280876	AA496863	AA136336	R54358	N77514	T81261	R92197	H38148	R92310	W48780	H94163	N54407	H73727	R31154	R92347	N77328	R24223	R92545	AA034268	R92455	N39325	K34121	W95682	R83017	N2181	N49231	N81036	R35849	N73975	H25846	H90225	N52535	AA031770	W37882	WS0001	N/3555	N31577	H77506	AA054978	H75632	H69528	AA454699	N95780	AA150093	N21592	AA046112	AA460302	AA001870	N90808	N67051	H98988	W87281	AA004862	N72286	AA431721
Hs.155975 Hs.193519	Hs.21595	Hs.81875	Hs. 166091	Hs.105684	Hs.208248	Hs.4082	Hs.32775	Ha.34569	Hs. 169330	H8.203563	Hs.34570	Hs.3481	Ms.23603	Hs.34574	Hs. 102521	Hs. 125895	Hs. 184387	Hs.109646	Hs.154103	Hs.2003/10	HS.180338	Hs.109805	Hs.204828	H8.185756	Hs.171739	H3.91101	Hs.97277	Hs.194329	Hs. 141 100	Hs 40094	Hs 191403	Hs. 184736	Hs 111465	Hs.193212	H5.40134	Hs 187991	Ha 197008	Hs.63913	Hs 203125	Hs.206980	Hs. 8309	HB.11147	Hs.21586	Hs.39001	Hs.42572	Hs.26941	Hs. 173637	Ha.13528	Hs. 141300	Hs.42812	Hs.24128	Hs.15917	Hs. 108873	Hs.24174
5923 615294 6024 705265	5925 897619	5930 565379	5939 39274	5944 246541	5954 109271	5960 195852	5984 191518	5968 195853	5969 325160	5972 242700	5976 244781	5981 214565	5983 134235	5984 196125	5989 245531	5999 131583	6008 196350	6009 470861	6016 196345	6018 243770	6023 136317	6025 358333	6028 194401	6035 293683	6048 280122	6050 301082	6062 136984	6074 296616	6079 161988	6081 240637	0085 244722	6086 470846	6091 \$22190	8095 417305	26662 7609	6107 271699	6110 233289	6123 377261	6130 233071	6131 212438	6132 609685	8135 308497	6146 504555	6148 266161	6160 376643	6167 795754	6172 428168	6178 303139	6180 298033	6184 261443	6187 416855	6190 428936	6200 291394	-

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CASE NOTE 11 11 11 11 11 11 11 11 11 11 11 11 11
979.72         979.72<
979.72         HATTER         24.87         65.2         60.0         60.0         11           77.28         HATTER         27.8         63.6         65.2         60.0         60.0         11           77.28         HATTER         27.2         63.2         67.2         60.0         60.0         11           6000         HATTER         AAAGASO         12.2         12.2         10.0         20.0         10.0         11           8000         HATTER         AAAGASO         12.2         12.2         10.0         10.0         10.0         10.0         10.0         11           8000         HATTER         AAAGASO         12.2         10.0 <t< td=""></t<>
2071.1. H.2071.2. MISSS         24.67         0.55         45.72         0.00         0.00           2021.8. H.3025.0. Avi2082.         20.72         0.00         0.00         0.00         0.00           5021.8. H.3025.0. Avi2082.         20.72         0.00         0.00         0.00         0.00           61020.8. H.3025.0. Avi2082.         20.72         0.00         0.00         0.00         0.00           14.2021.2. Avi2082.         Avi2082.         0.04         1.32         2.34         4.00         0.00           2047.8. H.3025.         Avi2023.         6.68         6.89         1.11         0.00         0.00           2047.8. H.3025.         Avi2023.         6.68         6.89         1.11         0.00         0.00           2047.8. H.3025.         Avi2023.         4.42         7.22         0.14         8.00         0.00           2047.9. H.3026.         Avi2023.         4.42         4.00         0.00         0.00         0.00           2047.9. H.3026.         Avi2023.         4.42         4.00         1.00         0.00         0.00           2047.9. H.3026.         Avi2024.         4.00         4.00         4.00         0.00         0.00           2047.9.
207171         HAZZI172         NETESP         24 87         6.55         6.52         900           20207165         HAZZI172         ANAGERS         7.94         1.00         2.84         6.52         9.00           20207165         HAZZI1         ANAGERS         7.84         1.00         2.84         6.00           2020716         HAZZI1         ANAGERS         7.84         1.00         7.84         4.00           202072         HAZZII         ANAGERS         7.84         1.00         2.84         4.00           202073         HAZZII         ANAGERS         6.86         2.81         1.74         9.00           202073         HAZZII         ANAGERS         6.86         2.20         6.62         5.00           202073         HAZZII         ANAGERS         6.86         2.20         1.11         9.00           202073         HAZZII         ANAGERS         6.89         2.44         2.11         1.14         9.00           202072         HAZZII         ANAGERS         6.80         2.14         3.11         1.14         9.00           202072         HAZZII         ANAGERS         6.80         2.14         2.00         9.00
201712         Ha.27172         NF738         24.87         0.55         45.22           213889         H3.20364         H72388         20.72         3.59         5.78           213889         H3.20364         H72388         20.72         3.59         5.78           468896         H3.10757         AA046400         16.77         3.13         5.29           358776         H3.10767         AA04130         13.53         2.31         5.59           358776         H3.10678         AA04130         13.53         2.31         5.59           36686         H3.10678         AA04130         13.83         2.31         5.87           36677         H3.10678         AA04130         13.83         2.31         5.87           26773         H3.10678         AA04130         13.83         2.31         13.83           26774         H3.10678         AA04260         13.83         13.41         13.11           26773         H3.10678         AA2640         13.00         13.31         14.63           2773         H3.1068         AA2640         13.00         13.31         14.63         13.31           2773         H3.1068         AA2640         13
291712         Ho.Z7172         Ho.Z7172         Ho.Z7172         O.55           231380         Ho.Z3838         HY2288         20.77         3.58           24380         Ho.Z3838         HY2288         20.77         3.58           24885         Ho.1375         AAA4202         7.24         1.00           35873         Ho.1867         AAA4120         1.53         2.00           35873         Ho.1867         AAA4132         1.58         2.13           25868         Ho.1867         AAA4420         1.50         2.23           25731         Ho.18672         AAA4450         1.58         2.13           25734         Ho.1867         AAA4589         60.60         6.10           25286         Ho.1872         AAA6289         60.60         6.44           25286         Ho.1872         AAA6289         60.60         6.44           25286         Ho.1872         AAA6280         60.60         6.44           25286         Ho.1872         AAA6280         60.60         6.44           25286         Ho.1872         AAA6280         60.60         6.44           25287         Ho.1872         AAA6280         60.60         6.44 </td
201712         He.27172         N67839         24.87           5027185         He.23866         He.2386         20.72           5027185         He.23826         A471288         20.72           45027185         He.23217         AAA46266         7.84           358778         He.134687         AAA41362         13.22           358778         He.14687         AAA41362         13.23           35638         He.24212         AAA41362         13.23           257371         He.16687         AAA41362         13.23           257374         He.16872         AAA41362         23.67           257374         He.16872         AAA45869         68.68           260374         He.11050         AAA45869         68.68           260374         He.11050         AAA5849         11.88           27238         He.11050         AAA5849         11.88           27247         He.11050         AAA5849         11.88           27248         He.11050         AAA5849         11.88           27248         He.11050         AAA5849         11.88           27248         He.1766         AAA5849         11.88           2744         He.1706<
201712         Ha.27172         Ha.27172         Ha.27172         Ha.27186           438806         Ha.23080         AAAGASB         AAAGASB           438808         Ha.10755         AAAGASB           359787         Ha.18487         AAAGASB           348838         Ha.23212         AAAGASB           225968         Ha.20224         Ha.6873           225731         Hi.89722         AAGASB           225731         Hi.89722         AAGASB           225731         Hi.89722         AAGASB           225841         Ha.1912D         AAGASB           226871         Ha.1912D         AAGASB           226871         Ha.1922A         AAGASB           22447         Ha.1922A         AAGASB           22431         Ha.1922A         AAGASB           22431         Ha.1922A         AAGASB           22431         Ha.1962A         AAGASB           22431         Ha.1962A         AAGASB           22431         Ha.1962B         AACASB           22431         Ha.1962B         AACASB           22431         Ha.1962B         AACASB           22443         Ha.1963B         AACASB
291712 Hs.27172 2917185 Hs.27172 291386 Hs.201607 48889 Hs.17155 504781 Hs.184687 236683 Hs.2717 504781 Hs.184687 2275468 Hs.202245 227573 Hs.2717 22773 Hs.2717 22773 Hs.191720 22773 Hs.191720 22773 Hs.191720 227224 Hs.191720 227224 Hs.191720 227225 Hs.10201 227225 Hs.10201 227227 Hs.10202
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Page 33 (of 118 pages of Table 3A)

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<u>ب</u>	<b>-</b>	5	Gall bladder	Lung	2	Breast	enal cland		Cervix	5	Umbilical cord	ynx	Tonsil	75	bladder	ner.	Jer.	Whale embryo	Aorta		yroid .	Adrenal gland	- F	Thumid		nsil	CNS	a√		Ziner Other	į	Blood	יתום	lonsii	Amore emonyo	Prostate	erm Cell	Brain	Sone		estis	oreskin	Stein	MUSCIO	Poles	Pare a	Sall Madder	SNS	3ore	Bone
Bone Overy	Ĕ	78 C					y	Ovary Liver			Stornach Um		CNS To	Yain Po	Synovial mem Ga	UD not found Other	UD not found Other	_	Germ Ceil Ao	Ski	8			Spieen 10		Tocise To				Ichsii Aund Other					P001		Adrenal gland	Blood			Placenta Te	•	Heart				, .	Placenta C	_	_
_	_		357.89 Lymph node N	Adrenal glend Heart	Scient General Colvin	Pro Pro	361 21 CNS	Azdder	Thymus			Bone marrow	Brain	51.16 Germ Coll Brain Pool	306.96 Head and nec	5	_				apou	×	Pool		426.89	Ear	Ear	Umbilical cord Bone	Lymph rode	ZZ1.51 Adipose		139.49 Neural	-6.83 Foreskin	317.39 Breast	156.75 Germ Cell	640 65 CNS	nerga nor	549.05 Germ Cell	489.94 Mouth	221.61	93.95 Breast	77.59 Thymus	46.83 Tonsil	318.06 Stomach	Paramyido	103.16 EBI	575 4 Feoobedie	193.79 Skin	371.74 Thymus	3/1./e inpmus
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9.	5.00	0.0	0.00	2.00	8.	3 8	3 8	3 8	8	000	00.0	8.0	8.9	0.00	000	0.00	1.00	1.00	2.00	0.0	0.00	0.00	0.0	0.00	00.0	9.	1.00	2.00	1.00	8 8	8 8	0.09	0.0	3.8	8 8	8.8	8 8	9	6.00	00.0	1.00	.0	0.5	3.00	8.5	8 9	8 8	90.6	000	0.00
87	8	8.5	9.7	2.00	9 6	3 8	8 8	300	00 01	2 00	500	1.00	20.00	1.00	4.00	1.00	9.	0.00	8.00	1.00	1.00	3.00	8 5	8.5	3 5	000	2.00	6.0	2.00	9.00	8 8	8.0	1.00	B.D0	00.	8 6	001	000	3.00	5.00	3.00	5.00	8:0	8	8 8	8 8	3 5	3 8	8	3
6.75	40.82	5.21	10.41	6.23	19.10	60.0	3.6	20.00	180	46	6.46	5.89	60.44	5.09	6.86	5.69	6.85	16.91	13.87	16.91	5.25	7.90	5.17	5.45	3.58 829058 79	5.78	5.98	31.75	10.31	25.69	12.1	72.91	5.12	06.6	520997.94	6.33	6.28	7.69	13.44	14.94	21.62	18.77	17.38	9.34	10.01	S. C.	70.1	13.07	5.47	74.0
2.85	8	1.66	2.22	1.00	1.05		20.0	0.00	2.20	95.01	11.18	2	0.51	2.05	11.95	208.47	1.1	17.65	2.28	58.95	33,69	21.05	204.18	6.43	27.52	52.94	13.33	1.00	28.37	0.80	3 5	0.57	8.13	360	8	8 5	2.5	8	2.91	2.26	11.78	1.8	2.	4.27	6. 6.	2.49	07.1	192	1 8	8
19.23	40.82	8.62	23.08	6.23	20.05		84.7	3.5	2.5.2	92.83	72.24	118.52	30.96	10.44	82.08	1188.07	7.78	157.13	31.29	525.14	176.88	166.23	1056.08	45.93	9 g	308.34	78.70	31.75	292.60	23.12	Z Z	55.13	41.62	35 68	5.21		15 77	7.69	39.07	33.80	254.66	16.77	167.30	39.90	80.00	13.91	13.10	25.05	8 5	2.47
H15662	H15458	T49222	AA479691	AA412084	W96450	AA400186	AA102089	AA486738	A4400482 D41541	NABADE	44432106	AA598578	R56916	H17273	27177	H99646	H18471	AA490059	H1755D	AA136533	AA188378	AA630628	W81118	157637	AA400234	AA609421	AA045985	N94366	AA156054	AA497026	N /3448	AA057620	AA088214	W87714	N31985	W15305	A443094	44464842	W93067	AA043790	R95841	N20480	AA063598	AA134576	N35156	AA047289	K96523	N/3308	W74133	W74133
HS.104717	Hs.2575	Ha.8957	Hs.75912	Hs.49765	Hs 23111	H8.96485	HS.155489	Hs.24809			Hs 16986	Hs 170311	Hs.22907	Hs.26830	Hs.21635	He. 182825	Hs. 26882	Hs.115498	Hs. 23054	Hs. 182643	Hs.54602	Hs.84131	Hs. 163593	Hs.23029	Ha.120980	Ha 108931	Hs.151469	Hs.55041	Hs.108957	Hs.198182	H8.50272	Hs.30807	Hs.44259	Hs.155160	Hs.44288	Hs.35198	HS. 162/3	He 31 137	Hs.179573	H8.62264	Hs.173965	Hs.31248	Hs.35488	Hs.47099	Hs. 179830	Hs.151406	DR 500 SH	H8.28691	MS. 10367	¥4 47 125
49502	49560	5	740742	731428	358643	2763	9810	841217	742818	100	174	7823	41432	302	108377	2864	216	839904	842	490947	5786	656167	15415	5475	743230	13617	9800	309494	90338	97581	291633	7051	468271	16951	259417	322461	2000	10446	14994	487151	199198	264162	365955	602625	271830	488575	199637	292082	976308	4630

	Muscle	Plecenta	Foreskin	Uterus	Bone	Lung	Biood		Brain	Adipose	other .		Muscle		Whole embryo	Parathyroid	LID not found	Tonsi	5		- Classical Co.	200	ì	Dorathemid	Post unition		Head	Teat	Paraflymid	Kidney	Heart	Lymph	Colon	Bone			Sreasi	Heart Vince I	Tonei		Ear	LID not found	Kidney	Adrenal gland	Heart				breast T	Sills	Uterus	Cerix	P00	Eye
	Bone		Gall bladder	CNS	er Adipose	neThymus	Skin		Lung	Skin	LID not found Other		er Foreskin		•	Pooled	Placenta	Diory	LID not tound Other	20010	Marie or heroples	Stomoch	3	provid	Placente	2000	Minnin	Colon	Head	Aorta	Foreskin		nd Gell bladder	Aorta		,	. Ear	Marross	to the factor		Escophagus	Pool	Germ Cell	oc Lymph		,	Heart	2	Crems	5	Solo3 i	neinymus	Testis	Skin
	476.7 Gall blacder	73.73 Nose	417.73 Skin	241.69 Thyroid	Peripheral ner Adipose	117.94 Small intestineThymus	Foreskin	490.38	656.9 Pooled	118.71 Thymus	305.6 Pool		132.75 Peripheral ner Foreskin	1	Foreskin	381.91 Ear	118.63 Adipose	146.89 CNS	51)501	117.20	175 18 Thimin	470.10 Ingines	9150 74:11	u	Lyc	Cocius	Toreston	Foreskin	Solper	Pooled	440.23 Musde	38.64 Cervix	589.49 Adrend sland	264.7 Placenta		343.62	347.38 Adipose	Z30,36 Utarus	domy legislatic lens		50.86	421.59 Liver	115.42 Pancreas	35.43 Head and nec Lymph	306.68 Ignora		Testis	253.9 Pooled	307.30 Brain	Cosecu.	500.84 Ignore	121.02 Small intestant inymut 570.96	Brain	11.02 Esophagus
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₹	6.00	90.	8	0.00	2.00	8.00	2.00	8.9	8.0	6.00	8.0	3.00	8.	800	0.00	0.0	200	8:	8 6	8.8	3 5	3 5	3 8	8 8	3 8	3 5	3 8	8 6	8 6	9	800	1.0	0.00	3.8	8	0.00	9.6	8 6	8 8	8	0.0	8.0	8	9.00	8	9 6	0.00	8 8	9 6	9 6	8 8	8 6	000	1,00
Table 3A	\$.00	3.00	8	2.00	18 00	00.1	8.00	90.00	0.0	0.00	2.00	5.00	0.00	0.00	1.00	.0 0	8	00.1	90.0	2.00	8 -	3 5	9 6	3 5	8 8	8 6	000	90	80.0	6.00	1.00	9.00	<del>4</del> .00	9.00	B. 7	4.00	<b>6</b> .00	9 6	2	00.1	80.1	1.00	8. 1.0	00.6	7.00	8.09 6.09	9.00	9.00 00.00	0.21	9.	0.0	8 8	8	\$.00
	21.21	2.40	8	7.83	16 47	15.04	20.65	119.65	š	20,18	11.80	20.10	7.29	16.43	15.14	7.61	333.25	7.49	16.31	7.45	5 5	88.4	3 5	80.7	7 84	25.5	5.00	23.02	2	11.54	5.59	13.41	10.92	16.50	20.14	10.69	33.50	11.66	68.8	8.54	7.13	224.44	9.35	137.31	8	12.72	15.54	254.38	2024221.13	SC-010020	575788.31	16.48	8.77	57.7
	0.59	4.6	8.52	29.55	2.35	7.28	8	1.00	9.70	8	30.80	0.25	1.00	11.58	0.68	1.45	0.03	4.74	7.0	141.73	8 8	3 4		3 -	5	5	8 8	3 6	5 6	9	20.12	8.	1.15	8	9.	8	0.18	9 2 3		8	7.78	0.03	1.12	0.55	3.03	7.52	7.07	E 6	8 8	3 6	8 5	0.45	0.72	8.74
	12.41	67.69	55.89	231.41	38.77	109.53	20.65	119.65	48.89	20.16	363.27	5.07	7.29	180.52	8.82	11.02	9.35	35.47	10.00	1623.44	8 6	27.00	9	2 2	18.52	13.02	9 4	23.98	70.70	76.39	112.45	13.41	12.61	18.50	8.15	10.89	6.08	3 5	2	7,	55.50	6.02	10.47	75.52	25.82	95.70	41.4	12.72	8.7.7	9 5	97.9	7.48	8.34	67.52
	AA046700	AA427691	R36587	AA633882	AA033743	AA485739	N64741	AA004638	AA284304	AA669055	R97055	N62601	N35592	AA702254	W81290	AA022910	R69584	AA045192	A4453520	AA464246	0.36173	A4115517	TEIRIO	N01145	AA000523	A 6 475774	AA176681	AA016225	WRAAR	AA045278	N26175	AA633549	AA121313	R63085	AA701478	N20482	AA455282	AA454038	AAAAAA	AA487543	AA630082	167807	AA074446	AA679352	AA028905	AA700054	AA401429	K54482	H.20370	Seloses.	H20547	H08210	H17003	AA417279
	Hs.61861	Hs. 108069	Hs.25156	Hs.172914	Hs. 10491	Hs. 181366	Hs. 93005	Hs.148493	Hs.206457	Hs. 73831	Hs. 93022	Hs. 169104	Hs. 7913	Hs.72830	Hs.118321	Hs. 93125	Hs. 183359	Ha.75770	H8.97623	HS. 195000	L. 48.7488	1. 1873.77	1 1 1 1 1	He 17023	He 61763	10.406433	HS. 103133	Hs 93386	Ha 169613	Hs.58636	H8.93405	Hs.2934	Hs.182018	Hs.30343	Hs.75627	Hs.172458	Hs.187111	H\$.195172	H. 80.32	Hs. 190561	Hs.3581	Hs.15113	Hs.63061	Ms.48876	Hs.31622	Hs. 2416	H5.58044	78.99.8/	05.10.57	18.0000	16.192958	HS. 184244 Hs.6184	Hs.21273	Hs.150114
	6629 467371	•	6634 137276	_	• •	6540 811139							6655 272262							261016 9006								6687 359269		6697 487082					6704 435434									6742 865882		6746 435036		22/80 06/9			02516 7678	•		6701 731118

Page 35 (of 118 pages of Table 3A)

72301         Hs.3053         A4397223         6.16         1.00         6.12         1.00         6.12         1.00         6.12         1.00         6.10         1.00         6.10         1.00         6.10         1.00         6.10
723911         H1 3053         A4397223         6.16         1.00         6.16         1.00         D           22324         H3 0050         A4397223         6.16         1.00         6.16         1.00         0           22326         H3 0050         A4397223         6.16         1.00         6.16         1.00         0           22326         H3 1050         A75851         6.65         3.00         6.16         1.00         0           22326         H3 11720         R2541         8.02         2.61         3.00         1           22326         H3 11806         A7641749         1.437         1.00         6.00         6.00         6.00           22326         H3 11806         A7641749         3.03         6.00 <t< td=""></t<>
723011         Hs.3053         AA397223         6.16         1.00         6.18         1.00         6.18         1.00         6.19         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00         6.18         1.00
72501 H5.0053 AA39723 6.16 100 6.18  22234 H5.00090 TE2450 66.63 2.61 2.32  209360 H5.00090 TE2450 66.63 2.61 2.32  22936 H5.100090 AA65942 16.04 357 50.66  22376 H5.10002 AA65942 16.04 357 50.66  22376 H5.10002 AA65942 16.04 357 50.66  22375 H5.10002 AA29173 17.35 1.00 14.37  22375 H5.10002 AA43942 16.10 1.00 14.37  22375 H5.10003 AA43943 17.36 1.00 14.37  2250 H5.1000 H5.0000 AA43943 17.36 1.00 14.37  2250 H5.1000 H5.0000 AA43943 17.36 1.00 14.37  2250 H5.1000 H5.0000 AA43943 17.36 1.00 14.37  2250 H5.1000 H5.1000 H5.1000 H5.20  2250 H5.1000 H5.1000 H5.100 H5.20  2250 H5.1000 H5.1000 H5.20  2250 H5.1000 H5.1000 H5.20  2250 H5.1000 H5.1000 H5.20  2250 H5.1000 H5.1000 H5.20  2250 H5.1000 H5.2000 H5.200 H5.200 H5.20  2250 H5.1000 H5.2000 H5.200 H5.200 H5.200  2250 H5.2000 H5.2000 H5.200 H5.20
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Page 36 (of 118 pages of Table 3A)

He 18596 N12319 89.52 1447 619 100 0.00 He 56412 N73524 6.27 1.00 643 0.28 1.00 0.00 He 185412 N73534 6.29 1.00 8.05 0.20 1.00 He 185412 NAMES 6.27 1.00 8.05 0.00 1.00 He 18542 NAMES 6.27 1.00 8.05 0.00 1.00 He 18520 AACHS 11.00 124.0 124.0 124.0 1.00 He 18520 AACHS 12.00 124.0	Utenus Other	5	Ovary	Brain	Cvary	Acres	Placenta	Uterus	Prostate	Placenta	Tonsit	Tonsil	Smooth muscle		Germ Cell	Other		l gran	Prostate	Stomach	LID not found	Foreskin	Testis		Pooled	Poreskin	Foreskin	Breast	Nose	roleskin oBrain	Umbilical cord	Eye	CIU not tourna Brain	Lung	Thyroad	Kidnoy	CNS	LID not found	Prostate	Nose	Adrenal gland	Anda Anda	Placenta	Aorta	1
2005         He 10850         He 20850         He 20850 <th< td=""><td>Musde LID not found</td><td></td><td>Lymph</td><td>S S S S</td><td>Muscle</td><td>Poolog</td><td></td><td>YoOvary</td><td></td><td>Breast</td><td>Lymph node</td><td>Breast</td><td>MUSCIE</td><td></td><td>erBrain</td><td>LiD not found</td><td>1</td><td>Parathymid</td><td>Foreskin</td><td>nd Thyroid</td><td>Hear</td><td>Clerus</td><td></td><td>•</td><td>Parathyroid</td><td>ercns Doconta</td><td>Parathyroid</td><td>Lymph</td><td>Adipose</td><td>Whole embry</td><td>erCervix</td><td>erEsophagus</td><td>Tonsil</td><td>ryoCoton</td><td>CNS</td><td></td><td>Uterus</td><td>Pool</td><td>Gall bladder</td><td>nd Pooled</td><td>ord Liver Adresse plans</td><td>AGIGIOI Subsa</td><td>r Uterus</td><td>8</td><td>}</td></th<>	Musde LID not found		Lymph	S S S S	Muscle	Poolog		YoOvary		Breast	Lymph node	Breast	MUSCIE		erBrain	LiD not found	1	Parathymid	Foreskin	nd Thyroid	Hear	Clerus		•	Parathyroid	ercns Doconta	Parathyroid	Lymph	Adipose	Whole embry	erCervix	erEsophagus	Tonsil	ryoCoton	CNS		Uterus	Pool	Gall bladder	nd Pooled	ord Liver Adresse plans	AGIGIOI Subsa	r Uterus	8	}
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259905         Hs. 163966         N12219         69.52         14.47         6.19           254655         Hs. 16396         N17102a         6.27         1.00         6.27           234736         Hs. 16342         AA264286         8.05         1.00         9.05           233736         Hs. 103202         AA264286         8.05         1.00         9.05           48.002         Hs. 104546         AA264286         1.00         1.07         2.66           48.002         Hs. 104546         AA264689         1.00         1.11         2.66           48.002         Hs. 104546         AA204689         1.24         1.00         9.06           48.003         AA30467         2.56         2.47         1.06         9.06           20.002         Hs. 10418         AA30467         2.56         2.47         1.06           20.002         Hs. 10418         AA30468         1.24         1.00         1.01           20.002         Hs. 10418         AA30468         1.00         1.01         1.02           20.002         Hs. 10418         AA30468         1.00         1.01         1.02           20.002         Hs. 10119         AA30468         1.00	9.5. 9.8.9. 9.8.0	8 8	2.00	8	8 8	8 8	8 8	8 8	0	0.00	9.00	0.00	8 8	8 8	00.0	9.00	8.5	8 8	8	8.0	0.00	8 8	8 8	0.00	2.00	8 8	8 0	00.0	0.00	000	1.00	2:00	2.00	0.00	2.00	0.00	0.0	0.00	0.00	0.00	0.00	3 6	8 8	000	?
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289805         Hs.169860         N32919         69.22           24555         Hs.17914         N71028         6.27           24265         He.56412         N71028         6.27           242030         Hs.1149         AA284288         8.05           503330         Hs.1149         AA284288         3.0           500224         Hs.16156         AA284288         3.0           510224         Hs.16156         AA464689         125.80           200220         Hs.16169         AA464689         125.80           200221         Hs.16169         AA464689         125.80           20022         Hs.16169         AA403847         24.76           20022         Hs.16169         AA38474         24.76           20022         Hs.161726         Hr.177         N30000         11.4           20022         Hs.161726         Hr.178         11.4           20022         Hs.161726         Hr.18         <	6.19 6.27 9.26	8.05	26.65	6.88	19.86	9.08 70	10.27	75.7	4	7.16	188.19	21.29	562827.40	18.92	18.79	23.80	8.9	10.69	20.67	5.22	1241308.51	5.23	58.3	5.21	10.54	6.02	1248926.47	6.23	15.40	9.00	14.55	62.99	9.07	7.17	5.62	8.45	533	684569.50	8.25	9.81	92.64	3)347 LAS	15.36	5.13	?
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Page 37 (of 118 pages of Table 3A)

Aoda	Whole embro	Note	Breast	Breast	Blood	Colon	Bone	i	Bood	Adipose	picon	Rrain		Foreskin	Skin	d Other	Liver	LID not found	Nuscle	Foreskin	d Other	Brain	Eye	Kidney	Germ Cel	Aorta	d Other	Small intestineAdrenal gland	Germ Cell	m Kidney	Kidnoy			Parathyroid	Jmbilical cord Adrenal gland	d Ciner	Synovial membrane	- GSGS	Salus Salus	5	Aorte		CNS	Pool	d Other	Placenta	d Other	d Other	yoCervix	Brain	Foreskin	d Other	Ovany	Panemos
Adrenal pland Anda	Blood	Omentrum Own	Whole embryoMuscle	Eye	ow Bone	Eye	Parathyroid	ć	Bone	lem Liver	The Man Mark Coles And Coles			Brain	Lymph	LID not found Other	CNS		slinePancreas		LID not found Other	Foreskin	Brain		Brain	Thyroid Aorta			Pooled	Synowial mam Kidney	Placenta	Testis	Parathyrold	Placenta	Umbilical co	LID not round Ciner	Larynx	O SE	a libera	3	Germ Cell		Blood	Lung	UD not found Other	Spleen	LID not foun	LID not found Other	Whole embryoCervix	Kidney	P8	LID not found Other	Vose Foreskin	and Germ Cea
belood 75 41.	244,61 Tonsil	-8.29 Bone marrow Omentum	Whole em	31.43 CNS	212.78 Bone marrow Bone	50.79 Tonsil	Tonsil	442.83	Vievo Creary	31.35 Synowish mem. Liver	2 Of line	61.38 Eve	26	135.33 CNS	Cervix	175.36 Brain	Aorta	431.65 Brain	488.51 Small intestin	25.02 Breast	CNS	134.82 Blood	218.34 Aorta	283.38 Aorta	591.55 Thyroid	Stomach	Brain	245.52 Umbilical cord	Blood	580.59 Eye	262.56	Prostate	139.83 CNS	74.7 Ear	Stomach	8	126.99 Ignore	the Champa	270 G1 Adimes	469.78	Blood	423.94	Bone	453,92 Foreskin	726.64 Brain	172.31 Nose	586.57 Heart	20.39 Brain	165.42 Nose	149.7 Pooled	169.91 Eye	75.05 CNS	97.87 Nose	Acrenalgi
5	. <del>1</del> 2	6	!	8	2	<u>6</u>	,	27	•	-	7	2 2	}	2		4-		9	7	12		5	8	ro.	r,			×		so :	Ξ		27 :	8		;	22	•	, E	2 2	!	91		80	n	9	7	15	9	<b>~</b>	15	~	~	
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7.83	7.64	9.10	133.98	5.74	596381.12	1243.01	13.90	6.62	, i	12.10	12.45	6.38	8.12	1751753.02	14.26	9.48	5.11	873640.24	17 39	90'9	5.22	7.68	6.23	27 16	1135891.44	37.94	5.26	15.39	5.73	15.15	5.29	16.07	7.80	11.33	5.10	200	5.15	9 9	5.85	6.80	8.72	17.12	120.34	635.68	22.40	6.20	15.69	16,14	53.47	30.77	5.03	10.13	22.1	8.87
90	8	10.09	0.12	231	000	0.08	8	305.32	6.93			24.78	9.70	0.0	25.61	8.16	14.59	0.00	1.34	3.72	7.65	4.98	7.08	2.58	0.00	18.43	3.91	<b>84.21</b>	1.0	2.02	1.29	0.76	8	¥ ;	7.42	, (	2.66	 	2.5	31.16	3.50	1.41	90'0	0.01	19.08	75.	6.30	2.86	2.01	0.35	2.88	0.65	2.16	3.07
7 83	2	91.80	15.73	13.27	5.96	95.54	3.80	2021.66	97.75	; ;	1	158.18	78.79	17.52	364.77	77.36	74.56	8.74	22.33	18.83	41 02	38.22	58.08	8	11.38	699.44	20.56	987.90	5.73	30.62	6.80	12.28	7.90	15.95	37.85	- F	2.5	20.5	28.5	211.90	30.51	24.14	40.7	5.77	427.45	9.53	98.79	46.16	107.45	10.80	14.48	9.63	47.74	35.24
R26143	AA425297	AA436440	H57138	W95118	AA680249	H85962	AA421286	AA629808	AA434090	A 161007	44682399	AA052959	AA488447	H19105	AA878460	RS3442	H10335	H10009	AA169469	H96867	N48839	R43449	H09087	W46577	H17520	T53298	H24317	AA599187	NS9534	AA664180	W47362	T98628	AA026413	AA010557	AA464702	0001644	W44340	AA 137089	AA126878	N34637	WB0323	H70603	N50862	N35082	H49517	AA457718	R99293	H49519	H48251	AA448251	AA148945	N51441	N34789	W47015
Hs 100965	Hs.87502	Hs.74831	Hs.160318	Hs.78894	Hs.89535	Hs.110299	Hs.55601	H9.1/4131	HS. 193320		1272	Hs 177409	Hs 90458	Hs.23406	Hs.181043	Hs. 165988	Hs. 5848	Hs.23540	Hs.57695	Hs 13879	Hs.46531	Hs. 106529	Hs.171963	Hs.41716	Hs 23648	Hs.119206	Hs.6526	Hs.78771	Hs. 5260	Hs. 172153	Hs. 352	Hs. 191290	Hs. 169380	Hs. 18441	H8.44582	/0000 ML	H\$ 31702	He Jane	Hs 199001	Hs. 107854	Hg.35962	Hs.194181	HB.31714	Hs. 44690	Hs.31776	Hs.21103	Hs.202894	Hs.31797	Hs.205539	Hs. 181315	Hs.36250	Hs.47259	He.93573	Hs, 3273
7174 133118		_				7198 223128												7241 46811					7252 46376				7260 51951	7274 948939	7275 248642	7278 855523	7294 324715	7298 122183	7304 366484	7308 430264	7308 810225	00701# #107	7322 920600	7127 502684	7330 502155	7332 271280									7383 201855		7391 503155	7392 203335		

Page 38 (of 118 pages of Table 3A)

3	ig.	Adrenal aland		CNS	hymus	hymus	Ovary	one	uojo	Kidney	euo.			IO not found		CNS	sall bladder	PQ.	onsil	arathyroid	leart	sophagus	idhey	y.	ID not found		sobpragus	Nerus	Ather	Lung		Xher X	Anole embryo	.iO not found	Germ Celi	100		Cine	Oliver Oliver	Tonsi	Breast	Musde	Pancreas	Agrenel gland		Aorte	oreskin	:	Serial Cell	Parathumid	CNS	ro Ovary	nua	LID not found
_		Nadder .	-			Adrenal gland T	흅		ş					Pool					Hear	Foreskin	Adipose	Head and ne	Eye	Pooled	Whole embryoLID not found	Bone	Skin	Brain	puno)	Tonsil		) Pungo	<b>7</b>	_		_	Dierds Certa		2		2		Adrenal gland I	•		Germ Cell A	Skin		- Piver	Poolog		Whole embrod		
Thursday	S02 37 Synonial mam Eva	39.61 Larvnx	118 49 Small intestine Thymus	236.77 Ear	245.08 Peripheral ner Bone	114.63 Epididymis	53.69 Lung	54.65 CNS	368.74 Brain	Foreskir	639.73 Umbilical cord Aorta	34.68	Bone	144.01 Hean	410.73	Smooth musc Nose	Foreskir	18.86 Foreskir	510.8 Fareskir.	185.45 Gall bladder	205.56 CNS	123.72 Small intestine	SNS	195.94 Pancreas	448.74 Tonsil	592.98 Neural	32.49 Eye	260.52 Eye	624.62 Brain	351.05 Aorta		278.6 Brain	104.75 Ear	481.67 Brain	127.67 Eye	78.13 Pooled	E87	146.42 Adison Gard Limit	308 15 Brain	307.07 Adrenal gland Kidney	-12.22 Head and n	Aorta	Synoviai mem	48.85 Pooled	608.06 Prostate	557.95 Adipose	317.13 Synovia mem	436.63	Pancreas	64.0	499.34 Far	217.08 Pooled	Brain	193.03 Lymph
	**	: 0	: «c	· –	×	9	<b>†</b>	14	40		-	6		•	n			63	2		=			4	5	-	ō	14	1	×		80	×	12	25	ភ	;	- u	o 40	. 40	25			5	-	-	17	<b>*</b> 0		·	, ç	5 ਹੈਂਜ	!	ð
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200	F 72	48.20	65.03	11.79	82.58	1780.45	104.18	17.25	17.25	36.46	59.19	117.11	341.19	6.61	15.41	18.70	67.41	65.27	7.92	15.10	7.07	43.72	5.42	8.32	9.69	342.67	37.95	11.47	11.43	13.00	5.08	10.39	24.55	12.58	12.37	5.86	19.27	20.72	3000	10.10	4.94	40.58	19.78	22.28	18.13	14.27	55.25	18.99	13.34	80.88 80.88	18.13	26.25	18.22	41.18
07.0001	44043985	44870357	A D R R A 195	AA018980	N53447	AA644857	AA041396	N53380	AA689689	AA016234	AA644211	AA454753	R95691	W72329	N20593	N69049	N72259	N36123	N30156	H98742	N51944	AA630328	N52136	AA001432	AA425722	T89094	AA0555B5	H21040	H09064	H15445	AA437106	H17929	AA461118	R41754	H19246	152674	N22140	K13443	038800	R55763	AA676877	H22944	AA463517	AA40580U	R43550	R52981	AA669603	AA630320	157069	AA701455	T48692	H19315	R52708	R44647
243000	HS. 1 807	He 184877	He 181388	Hs.87773	Hs. 17109	Hs.181244	Hs.78278	Hs.2891	Hs. 14732	Hs.93764	Hs. 196334	Hs.173887	Hs.21858	Hs.36	Hs.56845	Hs.173859	Hs.201673	Hs.139534	Hs.1580	Hs.203881	Hs. 144477	HS.621	H <sub>3</sub> .93828	Hs.83450	Hs.157174	Hs.13251	Hs.76526	Hs.169580	Hs.21447	Hs. 169279	Hs.193370	Hs.13252	Hs. 169470	HS.6496	Hs. 106635	Hs. 13867	H8.61941	H8.108554	HS. 1 3001	Hs. 107287	Hs.111024	Hs.18136	Hs.100071	HS.83466	H8.21606	Ha.81972	Hs.157236	Hs.206767	Hs.107986	H8.7.204	He 6508	Hs. 143434	Hs 25954	Hs.203231
																																																				7552 51228		7556 34010

Page 39 (of 118 pages of Table 34)

Puge 40 (of 118 pages of Table 3A)

Handred   Warting   Handred   Hand			Colon		LiD not found			_		<b>S</b>	Cterus	Foreskin		LIO not found Other	3	o Maney consti				musche Nose	mall intestine	Testis Tonsil	e mem	ntestineLarynx Nose	1000 H	Slomach	nd Gall bladder	Spleen	Breast	_	_	Gall bladder				Bone	Thyroid		Muscle	Tonsil	Colon Germ Cell	erm Cell	t sune	il gland Eye Cervix		car core maratnyrold Oteros	Ufenis	Spleen	Pancreas		
Hardogs   WAY325   119.95   0.86   126.25   23.00     Hardogs   WAY325   119.95   0.86   126.25   23.00     Hardogs   WAAG311   6.24   10.46   1.54   6.81   1.00     Hardogs   AAG04260   6.26   1.01   5.44   1.00     Hardogs   AA404260   6.26   1.17   5.87   1.00     Hardogs   AA404260   6.26   1.17   5.87   1.00     Hardogs   AA404260   22.33   2.20   5.65   1.00     Hardogs   AA404260   22.33   2.20   5.65   1.00     Hardogs   AA404260   2.21   2.20   2.20   2.20     Hardogs   AA404460   2.22   2.20   2.20   2.20     Hardogs   AA404460   2.22   2.20   2.20   2.20     Hardogs   AA404260   2.21   2.20   2.20   2.20     Hardogs   AA404260   2.21   2.20   2.20   2.20     Hardogs   AA404260   2.20   2.24   2.20   2.20     Hardogs   AA404260   2.20   2.20   2.20		65,19		Pool	•	Eye	Whole	1 535.4 Uterus				12 226.12 CNS	7 478.39 Germ C	1 108.17 Pool		Prostal	20 191.03 Periphe	7 592,45 Tonsil	Kidney	22 77.53 Smooth	12 43.68 Synovii	Ovary	5 512.88 Head a	10 30.95 Small ii	307.22	Cervix	Adrena	3 726.84 Esophi	1 682.34 Tons#	11 28.79 Podled	117.06 Noso	6 118.59 Liver	rapido de C	22 117,68 lanore	4 180.08 Splenn	42.54	19 250.67 Pooled	20 38.48	19 33.46 Adinos	5 421.53 Cervix	Breat	19 278.4 Brain	12 252.07 Liver	13 155.58 Adrena	15 193.03	3 142.71 Umonita	357 92 Anta	16 370.61 Cervix	1 187.85 Muscle	19 283.6 Marrov	
He 40098   W47325   119.95   0.85   1.28.25   14.49028   W47325   119.95   0.85   1.54.2902   M480214   M480224	e 3A	8.0	5.00	8	98.0	3.00	0.00	0.0	1.00	8.0	8	000	5.00	0.00	0.0	000	9 9	000	00.0								_	_	_		_	•			-																
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Page 41 (of 118 cages of Table 3A)

	Spieen Stamach Ear	esline	Umbilical cord CNS Prostate		227.72 Esophagus Spleen Breast	Parathyroid		- Spieer	_	pryoOvary		40 20 Montandard Coeskin Cervix	nead and neck	552.44 Larynx Cervix	Line ID not found	Brain LD and found Other			Enti		Thymus Whate embryoSpleen	449.6 Adipose Skin	443.43 Parathyroid Prostate Tonsil	351.92 Smooth musc Head and nec Bone	CNS LID not found Other	_	UD not found	Drain.	353.65 Eye Adpose Penciess	194, 16 Pareinyroid Smooth music Esophagus	427 28 Stomach Fax Foreskin	Dunot four CIT	Germ Cell	Skin	LID not found	Kidney Placenta	674.22 Adrenal grand breast Crems		!	Pool LID not found	Marraw Bone marrow Synovial membrene	ate Pool	245.06 CNS Heart Germ Cell		Who e embryoBreast	Brain Heart	P.00	SUS		S SS	200	642.44 Cenix CNS Breast	
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;	8 8	90	000	2.00	0.00	4.00	8.9	9.00	0.00	0.00	0.00	0.00	0.00	0.0	00.0	8.6	8 6	8.6	8 6	000	0.00	00.0	9.0	00.0	0.00	0.00	0.0	00.0	8.5	8.6	8 6	8 6	8	6.0	0.00	000	5.00	8 8	8 6	000	6.00	0.0	0.00	0.00	2.00	0.0	0.00	0.00	0.0	3 5	8 8	8 8	!
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	5. 4. 5. 8.	3	13.88	8	3.	0.23	79.	1.00	5.35	1.28	3.21	22.08	8.38	8	2.52	2.04	F.33	2.5	3 2	2 85	0.0	0.93	0.0	0.3 A	10,10	52.79	2.30	0.51	22.17	46.62	3 8	. C	3 5	9	2.62	3.09	1.50	4. 4 5. 6	3 6	0.38	0.35	1.76	94.69	3.93	2.00	0.42	2.58	2.30	0.0	8 8	3 5	F. 5	<u>;</u>
	38.17 7. 38.	25.46	8 8	31.33	27.33	5.15	40.89	43.85	48.51	01.9	44.95	188.56	535.36	9.66	16.22	35.77	<b>a</b> (	B 8	3 8	8 6	7.40	696	6.32	7.01	56.72	289.13	19.55	6.60	163.42	250.17	7 6	6.0	16.07	2. 4.	15.79	11.02	12.77	47.87	, d	6.53	3,38	20.87	507.22	29.21	10.02	18.88	27.11	19.02	6.65	42.73	20.92	8.52 11.17	:
	RS9167	AA643102	AA182680	AA425420	T64452	AA419092	H86812	T52564	AA620553	R59187	AA683041	AA488636	AA625981 ·	AA186873	H29308	T51125	1754351	147291	70000	W03520	AA437136	TBIBAB	H23482	N69322	N63312	T48649	AA164676	H29050	AA219045	AA403295	149146	00431470	H09940	AA150532	AA461511	W90728	AA131664	N36402	N30323	AA034041	AA485730	W93120	AA024632	H51050	80687N	W81196	H51271	N51961	199852	W93592	AA463424	AA044826 N49209	******
	15 15 15 15 15 15 15 15 15 15 15 15 15 1	TG-15540	HS.01640	Hs 3487	Hs.9460	Hs. 122575	Hs.40968	Ha.5944	He.4756	Ha.70819	Hs.3281	Hs. 188008	Hs. 196170	Hs.74284	Hs.27804	Hs.8493	H8.2/85/	Hs.8510	15.100033	He SEBAS	Hs 191620	Ms 3964	Hs. 24088	Hs. 2836	Hs. 48759	Hs. 209465	Hs.72463	Hs.24096	Hs.103042	Hs.75375	H5.164410	18.17.833	Hs 123873	Hs.111758	Hs.112145	Hs.18612	Hs.31889	Hs.184340	2000	Hs 189786	Ha 21346	Hs 18714	HS.202683	Hs. 176683	Hs.32135	Hs.12289	Hs.124700	Hs.47342	Hs.18768	H8.47343	MS.18778	Hs.208084 Hs.145698	19, 11,000
	338 41358	_ •	_	• • •	_	7958 755526	• •		_	-	978 871372	979 843250	982 745496	983 625933	989 52725	996 78806	1887 51747	1004 76005	0.08 45050	010 300031	018 757375	AF787 FCM	1025 52543	3026 285780	3027 279018	9028 69833	8030 594428	8033 52708	8034 629896	6042 725188	8044 70575	0049 20403	5031 102423 5031 102423			8066 418049								8103 194156			8111 194023			8120 357278		6130 488345 6131 280240	

Page 42 (of 118 osges of Table 3A)

|           | er Cervix   | LID not lound Other                              | S Uterus  |   |  | d Other   | ള  | Breast  | ó  | ě  | 1000  | 3 3   | 3   | Pooled  | Other  | Other  | O le   | roreskii   | 5 6   
   | LID not found   | Breast   | Pancreas   |   
   
   
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   | cung<br>Forestin   | Uterus   | CNS   
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  | Brain   | Į<br>S   | 900  | Parathyroid<br>Testis  |
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|           | b   |  | Š   | Clars   | Lymph  | LID not foun  | CID not found  | Pancreas  | Adrenal gland CNS  | 1  | gnore   | 200   | 9   | Thyroid   | LID not found Other  | LID not found  | LID not found Other  |  | LIC not loand Office  
   | 900   |  | ar Germ Cell   |   
   
   
  | 1  
  | P #04   | Omentum  | LID not found  | Eye  | En 29   
   
   
  | Colon  | m Bone   |   | į  
   
   | n Kidhev   | III Cervix   | Germ Cell   
  | Small intestineGall bladder  | LID not found  | CNS  | - C  | Ear   | LID not found Other  | yoCNS  | Bone   
  | Ear   | Adrenal gland Tonsil   | Gran   | Ear<br>Synovial mem Gall bladder   |
| 128.65    | 389 79 Gall bladder   | <u>8</u>   | 130.74 Adrenal glan   | 49.36 CNS   | 597.78 CNS   | CNS   | 474.75 Pool  | 152.76 CNS  | Blood  | 626.75   | 217.43 Placenta   | Self hadder   |   | Pool  |  | 466 22 Pool  | 18.26 Uterus   | Call Diagoes   | 8 3   
   | 5 5   | 553.01 Gall bladder  | 272.85 Peripheral ner Germ Cell  |   
   
   
  |  
  | Series A  | 227.72 Colon   | P<br>80  | 516.56 Stomach   | Foreskin  
   
   
  | 309 04. Small intestineColor   | 477.2 Synovial memBona   | 309.17  |  
   
   | 373.36 COON Eye  | 121.97 Synoviel mem Cervix   |   
  |  |  | 509.48 Tests   | 250.31 Discontinuo De De Control   |   |  |  | 306.36 Skin  
  | Eya   | 28.05 Spleen   | 129.76 Adipose   | 146.37 Ear<br>227.75 Synovial me   | | | | | | | | | | | | | | | |
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  | 5.30<br>10.46   | 19.61  | 35.23  | 26.07  | 7.71  
   
   
  | 12.21  | 15.63  | 11.62   | 8:13   
   
   | 22.18  | 7.72   | 5.37  
  | 5.21   | 10.38  | 583458.42  | 20.37  | 6.36  | 697336.82  | 922627.08  | 7.92   
  | 8.09  | 36.12  | 7.50   | 6.07   |
| 15.71     | 1.74  | 0.59   | 0.89  | 9.  | 8.   | 3.96  | 1.80   | 0.74  | 8  | 13.00  | 95.0<br>95.0  | 9.0   | 0.08  | 3   | 9.   | 15.18  | 8  | 16.87  | 77.   
   | 6.0   | 6 6  | 0.27   | 2.62  
   
   
  | 5.59   
  | 0.00  | 5.73   | 0,16   | 0.22   | 20.16   
   
   
  | 62.61  | 5 -  | 0.82  | 3.23   
   
   | 0.53<br>5.43   | 6.5  | 1.68  
  | 3.1  | 3.09   | 8 8  | 8 8  | 3 2   | 8  | 0.0  | 23.17  
  | 67.0  | 8.0  | 1.7  | 8 2  |
| 104.50    | 8.92  | 8.70   | 10.90   | 14,49   | 8.58   | 32.50   | 58.77  | 25.21   | 5.84<br>5.84   | 82.67  | 25.52   | 8 8   | 7.29<br>82.7  | 27.75   | 5.08   | 89.68  | 8  | 140.67   | 9.78  
   | 2 8   | 8 8  | 5.58   | 14 69   
   
   
  | 8 8  
  | . e   | 113.25   | 5.68   | 5.73   | 155.42  
   
   
  | 186.31   | 2 2  | 9.58  | 35.83  
   
   | 2.5  | 20.53  | 9.01  
  | 16.20  | 32.08  | 5.63   | 2.0  | 59.28   | 6.97   | 9.23   | 183.44   
  | 6.41  | 18.16  | 58.61  | 10.28<br>53.69   |
| W73010    | H53602  | AA010617   | AA447583  | AA131239  | N90779   | N63185  | H63959   | AA447610  | N40917   | N70848   | W84789  | AAUCASCO  | AA004842<br>W51685  | AA043347  | W88758   | N53380   | AA150298   | AA427778   | WSOIDS  
   | AAUU1004<br>NEG355  | W81135   | AA429661   | N63447  
   
   
  | AA701502   
  | AA127965<br>D52786  | AA664179   | AA010000   | AA017379   | N67810  
   
   
  | H41144   | N70776   | AA878907  | N72210   
   
   | AA457696   | AA156988   | H15442  
  | AA018676   | H29276   | AA426087   | 1870055  | H88599  | T59858   | R37566   | AA136054   
  | H45976  | AA670380   | H23428   | R44562<br>AA401345   |
| Hs.179779 | Hs.5476   | Hs. 18799  | Hs.32241  | Hs.127758   | Hs.36830   | Hs.47363  | Hs.142722  | Hs.32244  | Hs 93836   | He 25923   | Hs 75874  | HS./52/3  | HS 38974<br>Hs 169680   | Hs 172028   | Hs 58993   | Hs 165133  | Hs 193719  | Hs 98571   | 5,080 51  
   | 1080.51   | £ 6684   | 05966 SH   | Hs. 182002  
   
   
  | Hs 37040   
  | H8.62692  | Hs 65114   | Hs.59159   | Hs.430   | Hs.210209   
   
   
  | HS.206619  | Hs.94234   | Hs. 182740  | Hs. 157610   
   
   | H8.203004  | Hs 154721  | Ha 75694  
  | Hs.3136  | Hs 206469  | Hs.14945   | 0000 1000  | H 2882  | Hs. 76149  | Hs. 98279  | Hs 174140  
  | Hs. 150917  | Hs.84163   | HS 107374  | Hs 151385<br>Hs 15760  |
| 344975    |   | •  |   |   | ••   | •   |  | -   |  | •••  | •   | -   | • • •   |   | -  | -  | -  |  | -   
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|           | C 001 078 128 128 078 128 08 128 128 128 128 128 128 128 128 128 12 | 202814 Hs.5476 H53602 8.82 1.74 5.06 2.00 1.00 9 | 34875 PB.18779 W73010 104,50 15,71 6.65 2.00 1,00 3 202814 Pb.5476 H53602 8.82 1,74 5.06 2.00 1,00 9 430319 PB.18789 AA010817 8.70 6.59 14,74 6.00 0,00 | 344875 PIS.18779 VY3010 104,50 19,71 6.65 2.00 1,00 3 202814 Hs,5476 H53602 8.82 1,74 5.06 2.00 1,00 9 430319 Hs,18199 AA010617 8.70 6.59 14,74 6.00 0,00 782666 Hs,52241 AA447683 10,90 0,99 10,98 1,00 2,00 2 | 344875 PIS.178778 VY33010 104,50 13,71 6.65 2.00 1,00 5 202814 Hs,5476 H53602 8.82 1,74 5.06 2.00 1,00 9 430319 Hs,18199 AA010817 8,70 0,55 14,74 6,00 0,00 20289 Hs,52241 AA447883 10,90 0,99 10,98 1,00 2,00 2 503561 Hs,127756 AA131239 14,49 1,00 14,49 2,00 6,00 12 | 34317 18,1877 17730 17730 104,50 18,71 6,65 2.00 1,50 9 3202844 18,5476 145602 8.92 1,74 5,66 2.00 100 9 430319 18,16199 AA010817 8.70 0,59 14,74 6,00 0,00 702589 18,32241 AA447883 10,50 0,99 10,98 10,98 10,0 2 503581 18,18756 AA131239 14,49 1,00 14,49 2,00 6,00 12 303099 18,5830 19,0779 8.56 1,00 8,58 3,00 1,00 3 | 24875 HS,17877 W7.010 104.50 13.71 8.65 2.00 1.00 5 202814 HS,576 HS,602 8.2 17.4 5.66 2.00 1.00 5 782889 Hs,5278 AA17687 8.70 6.59 14.74 6.00 0.00 202814 HS,5778 AA17683 10.90 0.99 10.98 10.98 1.00 2.00 2028874 Hs,5478 N9778 8.56 1.00 8.56 3.00 1.00 3 288874 Hs,7463 N9778 8.56 1.00 8.56 3.00 0.00 | 242817 PLS-178 W73010 104-30 13.71 6.65 2.00 1.00 3 202814 H5.5476 H53602 8.82 1.74 6.66 2.00 1.00 9 782889 H6.32241 AA47683 10.90 0.99 10.98 1.00 2.00 2.00 503581 H5.127766 AA131239 14-49 1.00 14-49 2.00 6.00 12 303098 H6.36303 N95778 8.56 1.00 14-49 2.00 6.00 12 209874 H5.3722 H53859 69.77 1.60 32.65 9.00 6.00 | 24375 F6.17879 W75010 104.50 15.71 6.65 2.00 1.00 9 202814 H5.1879 W75010 104.50 15.71 6.65 2.00 1.00 9 430319 H5.1879 W75010 1050 0.59 14.74 6.00 0.00 702589 H5.2524 AA47783 1050 0.89 1.00 14.49 2.00 6.00 12 203581 H5.18775 M5.187 1050 0.89 1.00 14.49 2.00 6.00 12 203587 H5.3630 M90779 8.56 1.00 8.58 3.00 1.00 3 203591 H5.18722 H5.359 58.77 1.00 3.25 5.00 6.00 12 203587 H5.18722 H5.359 58.77 1.0 3.25 5.00 6.00 1.00 1.00 1.00 1.00 1.00 1.00 1 | 24377 He.18779 W73010 104-30 18.71 6.65 2.00 1.00 3 202644 He.5476 H5.662 8.82 17.4 5.66 2.00 100 9 430319 He.18799 AA016817 8.70 0.55 14.74 6.00 0.00 203561 He.127756 AA13729 16.90 0.89 10.98 1.00 2.00 203561 He.127756 AA13729 18.56 1.00 6.90 1.2 230374 He.47732 N53156 32.50 3.86 8.20 3.00 0.00 2035874 He.47732 H5.359 8.57 1.00 8.58 3.00 0.00 2035874 He.47732 H5.359 8.57 1.00 8.58 3.00 0.00 2035874 H5.35244 AA44761 25.21 0.74 34.05 14.00 6.00 1.00 20377134 H5.33244 AA44761 25.21 0.74 34.05 14.00 6.00 1.00 2777134 H5.3338 H46817 5.84 1.00 5.84 1.00 1.00 1.00 | 242817 H5.1787 W7.010 104,50 15,71 6.65 2.00 1.00 3 202814 H5.578 AA01937 8.70 0.55 14.74 6.00 0.00 75289 H5.3241 AA47883 10.50 0.89 10.98 1.00 0.00 75289 H5.3224 AA47883 10.50 0.89 10.98 1.00 0.00 203039 H5.3653 N90779 8.56 1.00 8.56 3.00 1.00 3 203199 H5.3653 N90779 8.56 1.00 8.56 3.00 1.00 3 203199 H5.3224 AA44781 25,21 1.00 8.26 8.00 6.00 6.00 7827134 H5.3224 AA44781 25,21 1.00 5.84 1.00 1.00 0.00 7527134 H5.3224 AA44781 25,21 1.00 5.84 1.00 1.00 6.00 6.00 6.00 7827134 H5.3235 N40817 6.84 1.00 5.84 1.00 1.00 6.00 6.00 6.00 6.00 6.00 6.00 | 242817 18.17817 W73010 104,50 13,71 6.65 2.00 1.00 3 202814 H5.5476 H5562 8.12 17.6 6.65 2.00 1.00 3 782889 H5.3224 AA47583 10.90 0.99 10.98 10.00 0.00 203581 H6.12778 AA175139 14.49 1.00 1.44 2.00 6.00 1.00 203581 H6.12778 AA175139 1.09 0.99 10.98 10.09 10.00 0.00 203099 H5.3673 N9779 8.56 1.00 8.56 3.00 1.00 3 203099 H5.16772 H5385 56.77 1.60 32.65 9.00 6.00 6.00 782714 H5.93324 AA477810 5.57 1.00 0.14 0.00 0.00 203199 H5.93234 AA47810 5.57 1.00 0.14 0.00 0.00 203199 H5.93234 AA47810 5.57 1.00 0.14 0.00 0.00 203198 H5.93234 R4.9817 6.54 1.00 0.00 6.00 6.00 1.00 203198 H5.93234 R4.9817 6.54 1.00 0.00 6.00 6.00 1.00 203198 H5.9324 B4.9817 6.54 1.00 0.00 6.00 6.00 1.00 203198 H5.9338 H5.9388 82.67 13.00 6.32 0.00 6.00 6.00 0.00 20318 H5.9338 H5.9388 B5.93 0.56 1.05 0.00 6.00 6.00 0.00 20318 H5.9338 H5.9388 H5.9388 B5.93 0.56 0.50 0.00 6.00 0.00 20318 H5.9388 H5.9388 H5.9388 B5.93 0.56 0.50 0.00 6.00 0.00 20318 H5.9388 H5.9388 B5.938  0.56 0.55 0.56 0.50 0.00 6.00 0.00 0.0 | 24373 Hs.17879 W7370 104.50 13.71 6.65 2.00 1.00 9 232814 Hs.16199 AA010817 8.70 0.59 1.74 6.00 20 232814 Hs.16199 AA010817 8.70 0.59 14.74 6.00 1.00 9 232814 Hs.16199 AA010817 8.70 0.59 14.74 6.00 0.00 2328814 Hs.2524 AA41783 10.90 0.89 10.98 10.08 1.00 2 233814 Hs.2530 N90779 8.56 1.00 8.58 1.00 1.00 1.00 1.00 233819 Hs.3630 N90779 8.56 1.00 8.58 3.00 1.00 0.00 233814 Hs.3224 AA447810 25.21 0.74 34.05 14.00 6.00 1.00 237134 Hs.3224 AA447810 25.21 0.74 34.05 14.00 6.00 1.00 237134 Hs.3830 N40817 6.84 1.00 6.00 1.00 6.00 1.00 237134 Hs.38379 WWA789 87.02 0.56 157.54 23.00 6.00 6.00 1.00 23714 Hs.28324 AA447810 25.21 0.74 34.05 6.00 0.00 6.00 1.00 1.00 1.00 6.00 1.00 6.00 1.00 6.00 1.00 6.00 1.00 6.00 1.00 6.00 6 | 242817 16.17879 W73010 104.50 15.71 6.65 2.00 1.00 9 2420314 14.5476 47502 8.82 1.74 6.65 2.00 1.00 9 2420314 14.5476 47502 8.82 1.74 6.60 2.00 1.00 9 2420314 14.5476 474763 10.50 0.89 10.98 1.00 2.00 2.00 2503541 14.612775 474763 10.50 0.89 10.98 1.00 2.00 2.00 2503581 14.612772 14.63 10.50 0.89 10.98 1.00 1.00 1.20 2503581 14.61272 14.63 10.50 0.89 10.98 1.00 1.00 1.00 2503581 14.61272 14.63 16.50 16.74 34.65 1.00 0.00 1.00 2503581 14.61272 14.63 16.50 16.74 34.65 16.00 1.00 1.00 2503581 14.61272 14.612 16.01 1.00 1.00 1.00 1.00 2503581 14.61273 14.61 16.50 16.61 1.00 1.00 1.00 1.00 2503581 14.52 14.61 14.65 1.61 14.00 1.00 1.00 1.00 1.00 1.00 1.00 1. | 24373 He, 17879 W73705 104,50 15,71 6 65 2.00 1.00 9 202844 He, 18787 W73705 104,50 15,71 6 65 2.00 1.00 9 202844 He, 18789 AA016817 8.70 0.55 14.74 6.00 0.00 2 203581 He, 18786 AA17329 10.90 0.99 10.98 1.00 2.00 2.00 2.00 203581 He, 127756 AA17329 1.99 0.99 10.98 1.00 2.00 2.00 2.00 203581 He, 127756 AA17329 8.54 1.00 8.58 3.00 1.00 3 2036984 He, 26732 N9379 8.54 1.00 8.58 3.00 1.00 0.00 203199874 He, 47732 He, 48399 9.89 17 1.00 2.25 1.00 0.00 0.00 203199874 He, 47732 He, 47732 He, 47732 He, 47732 He, 5.64 1.00 0.00 0.00 203199874 He, 5753 AA047810 25.21 0.74 34.05 14.00 6.00 1.00 203199874 He, 53244 AA47810 25.21 0.74 34.05 6.00 1.00 0.00 203199874 He, 53254 AA47819 8.54 1.00 6.00 1.00 0.00 203199874 He, 53259 AA044839 41.65 1.80 2.10 6.00 0.00 1.00 203199890 W6, 12779 AA044819 1.00 1.00 0.00 0.00 203199890 W6, 12779 AA044819 1.00 0.00 1.00 0.00 0.00 203199890 W6, 12779 AA044819 1.00 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 0.00 0.00 0.00 203199890 W6, 12779 AA044347 1.20 0.00 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1.00 1.00 1.00 1.00 1 | 242877 HS,1787 W73010 104,30 18,71 6852         13,71 685         13,71 685         20 1,50 9         3           722844 HS,5476 HS,5602 8 BZ         1,34 6 56         200 100 9         9           722846 HS,5174 AA,19123 14,90 1050 1058 10,00 104,00         0.59 14,74 600 100 0         0.00 100 9           722886 HS,5174 AA,19123 14,90 1050 14,49 100 14,49 100 14,49 100 14,00         0.00 120 100 100 100 100 100 100 100 100 1 | 242817 18.1777 W77010 10.43.0 13.71 6.65.2 200 10.0 9 2420314 Hs.16199 AA010617 8.70 0.55 14.74 6.00 10.0 9 2420314 Hs.16199 AA010617 8.70 0.55 14.74 6.00 10.0 9 2420314 Hs.16199 AA010617 8.70 0.55 14.74 6.00 10.0 2 2420314 Hs.16199 AA010617 8.70 0.89 14.74 6.00 10.0 2 2420314 Hs.16199 AA01329 14.49 10.0 8.58 10.0 8.58 10.0 8.58 10.0 10.0 10.0 2420314 Hs.16170 AA014017 5.21 0.74 34.05 10.0 0.0 10.0 2420314 Hs.16170 AA014017 5.21 0.74 34.05 10.0 6.00 10.0 2420314 Hs.2622 AA014017 5.24 10.0 6.00 10.0 6.00 10.0 10.0 10.0 10.0 | 24373 145.1787 W73010 104.50 13.71 6.652 2.00 1.00 9 2430314 145.5476 A4010617 8.70 0.55 14.74 6.60 2.00 1.00 9 2430316 145.5426 A4477683 10.50 0.69 14.74 6.00 0.00 2430318 145.5436 A4010617 8.70 0.55 14.74 6.00 0.00 2503581 145.254 A4477683 10.50 0.69 14.49 2.00 6.00 17.2 2503581 145.3630 190779 8.56 1.00 8.58 3.00 1.00 9 2503581 145.3630 190779 8.56 1.00 8.58 3.00 1.00 9 2503581 145.3630 190779 8.56 1.00 8.56 3.00 1.00 9 277134 145.3224 A447761 25.21 0.74 34.05 14.00 6.00 1.00 277134 145.3234 A447761 25.21 0.74 34.05 14.00 6.00 1.00 277134 145.3632 140.36 8.762 0.56 15.54 1.00 6.00 1.00 277134 145.3632 140.36 8.762 0.56 15.54 1.00 6.00 1.00 277134 145.3633 140.361 14.30 6.32 2.00 0.00 1.00 277134 145.3633 140.361 14.30 6.32 2.00 0.00 1.00 277134 145.3632 140.361 14.30 6.32 2.00 0.00 1.00 277134 145.3633 140.363 14.35 14.30 6.00 1.00 1.00 277134 147.362 140.363 140.36 11.30 0.00 1.00 277134 147.362 140.363 140.36 11.30 0.00 1.00 277134 147.362 140.363 140.36 140.36 140.30 0.00 1.00 27714 147.362 147.363 140.36
140.36 140.30 0.00 1.00 27714 147.362 147.363 140.367 140.367 140.30 0.00 0.00 27714 147.362 147.363 140.367 140.367 140.30 0.00 0.00 27714 147.362 147.363 140.367 140.367 140.30 0.00 0.00 27714 147.362 147.363 140.367 140.367 140.30 0.00 0.00 27714 147.362 147.367 140.367 140.30 0.00 0.00 27714 147.362 147.367 140.367 140.30 0.00 0.00 27714 147.367 147.367 140.367 140.30 0.00 0.00 | 24373 Hs.17879 W73705 104.50 13.71 6.65 2.00 1.00 9 2430319 Hs.16199 AA010617 8.70 0.55 14.74 6.60 2.00 1.00 9 2430319 Hs.16199 AA010617 8.70 0.55 14.74 6.00 0.00 2.00 25264 Hs.25244 AA447683 10.90 0.89 10.98 10.00 0.00 2.00 25368 Hs.25630 N90779 8.54 1.00 1.44 2.00 6.00 1.00 2531987 Hs.2573 N5155 25.5 3.86 8.20 1.00 6.00 1.00 2531987 Hs.2572 Hs.3599 9.877 1.60 2.26 3.00 0.00 277134 Hs.35244 AA44761 25.21 0.74 34.05 14.00 6.00 1.00 277134 Hs.3539 N60779 8.54 1.00 6.00 1.00 0.00 277134 Hs.3539 N60779 8.57 1.30 6.32 14.00 6.00 1.00 277134 Hs.3539 N60779 8.57 1.30 6.30 0.00 1.00 277134 Hs.3539 N60779 8.57 1.30 6.30 0.00 1.00 277134 Hs.3539 N60779 1.50 1.00 0.00 1.00 0.00 277134 Hs.3539 N60779 1.50 1.00 0.00 0.00 277134 Hs.3539 N60779 1.50 1.00 0.00 0.00 277147 Hs.3539 N60779 1.50 0.00 1.00 0.00 27714 Hs.3539 N60779 1.50 0.00 0.00 0.00 0.00 | 24875 / Hs, 17879 W73010         104,50         13,71         6.65         2.00         1.00         9           2420314         Hs, 1579 M73010         104,50         13,71         6.65         2.00         1.00         9           430319         Hs, 1679 M2476         AA010817         8.70         0.59         14.74         6.00         1.00         9           203581         Hs, 16776         AA010817         8.76         1.09         1.09         2.00         1.00         9           203581         Hs, 16777         AA11379         1.49         1.00         8.54         3.00         1.00         3.00           203109         Hs, 14772         Hs, 14772         1.00         1.00         3.00         1.00         3.00           203109         Hs, 14772         Hs, 14772         1.00         2.00         1.00         3.00         1.00         3.00         1.00         3.00         1.00         3.00         1.00         3.00         1.00         3.00         1.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00 | 242014   H-16199   AA010817   B-17710   B-1771 | 248717         HS 5778         MY 27010         144-30         13.71         6.55         2.00         1.00         9           232814         HS 678         MY 27010         144-30         13.71         6.56         2.00         1.00         9           430319         HS 678         AA01617         8.70         6.58         1.74         6.00         0.00         9           203581         HS 12778         AA0181729         1.69         0.69         1.00         0.00         2.00 <t< td=""><td>24373 1 F8779 W7070 1043-00         19.77 104         19.77 1</td><td>24875         HS 5770         HS 5770</td><td>24373 14 15 1779 W7010         1443.0         13.71         655         2.00         1.00         9           243014 Hz,1879 W7010         1443.0         13.71         655         2.00         1.00         9           43014 Hz,1879 AA01041 AA0104 W7010         1473.0         6.54         1.74         6.00         1.00         9           78386 Hz,18776 AA0104 W7010         470.0         6.54         1.00         1.00         1.00         9           30099 Hz,18776 AA0104 W7010         4.55         1.00         1.00         1.00         1.00         9           20019 Hz,18777 Az, 18177 Az, 18176 W7010         4.50         1.00         1.00         1.00         9           2019 Hz,1877 Az, 18177 Az, 1817 Az,</td><td>24875         HS 1876         W 2000         19.7         5.65         2.00         1.00         5.7           272814         Hs 1879         AA010617         8.72         1.74         6.60         2.00         1.00         9           430319         Hs 1879         AA010617         8.70         6.54         1474         6.00         0.00         9           430319         Hs 1877         AA131229         1.02         0.69         1.00         2.00</td><td>24873         HS 5749         MY 2010         148-20         13.71         655         2.00         1.00         9           2430314         HS 6749         HS 672         HS 70         1.37         6.58         1.00         1.00         9           430314         HS 6709         HS 670         HS 70         6.58         1.74         6.00         1.00         9           73289         HS 13729         AA13123         HS 90         1.09         1.09         1.00         9           30399         HS 13722         AA13123         HS 90         1.00         1.00         3           209199         HS 12722         AA13123         HS 90         1.00         1.00         3           209199         HS 141272         AA13129         HS 90         1.00         1.00         3           209199         HS 141272         AA44761         25.21         1.40         3.00         1.00         3           209199         HS 141272         AA44761         25.21         1.74         34.05         1.00         3           209199         HS 17274         AA44761         25.21         1.74         34.05         1.00         3         3         3</td></t<> <td>24873 1 F8778 W70700 1043-0         148.77 0 1043-0         <t< td=""><td>242014 H4.1879 W7010 1043-0 13.77 0.55 2.00 1.00 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>43.437.5 His 18778         43.437.5 His 18778         44.44.5 Sol.5 His 18780         44.44.5 Sol.5 His 18780         44.44.5 Sol.5 His 18780         44.44.5 His 18780         44.4</td><td>202814         His18778         WADDIO         104,50         13.71         6.65         2.00      
  1.00         9           202814         His1879         AADTORIT         8.70         13.71         6.65         2.00         1.00         9           45,5369         His1879         AADTORIT         8.70         0.54         14.74         6.00         1.00         9           503581         His1879         AADTORIT         8.70         0.54         14.74         6.00         1.00         9           203581         His1872         AADTORIT         8.55         1.00         6.00         1.00         9           208690         His1872         His1872         4.64         6.00         1.00         9           20871         His1872         4.64         6.00         6.00         6.00         1.00         9           20870         His1872         4.64         1.00         3.26         9.00         6.00         1.00         9           20870         His1872         4.64         1.00         3.26         9.00         6.00         1.00         9           20870         His1872         4.66         4.76         4.76</td><td>3.44477         HS,18779         WAZOTO         104,30         13,714         OBS         2.00         100         9           20201         HS,18779         HAGOTO         8.70         0.59         14.74         600         0.00         9           42031         HS,18799         AA447683         10.90         10.98         10.98         10.09         9           420319         HS,2824         AA447683         10.90         10.99         10.00         10.00         9           209874         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N94817         5.27         10.0         10.00         9           209888         HS,70320         N94817         5.84         10.0         10.00         9           20988         HS,70320         N94818         5.27         10.0         5.00         10.0         10.00         9           2098         HS,80320         <td< td=""><td>3.44373         His 17874         WAZDID         104,30         13,71         His 18774         WAZDID         104,30         13,71         WAZDID         104,30         13,71         WAZDID         104,30         10,41         100         100         9           430319         His 18789         AA410687         8.70         0.55         14,74         600         0.00         9           430319         His 18724         AA410687         8.56         100         6.00         0.00         9           203581         His 142722         His 3224         AA447610         2.52         100         0.00</td><td>2002814 15.476 VA75010 104.30 13.77 5 65.7 13.00</td><td>200181 H-18799 AA010010 104,300 13-77 5 65 200 1000 9 2000181 H-18799 AA010010 104,300 13-77 5 61,77 14,77 1</td><td>2002814 14.5476 AV01001 104.30 19.77 5 6.05 2.00 1.00 9 20.00 14.5476 AV01001 104.30 19.77</td><td>2015/2614         15.15.7973         MATATOR         104.20         1.7.1         5.65         2.00         1.00         9         105.0           4.202314         14.51.997         4.702016         1.3.7         1.4.7         5.66         2.00         1.00         9         105.0           4.202314         14.51.99         AA111729         1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         9         105.0       
   203054         14.51.79         AA111729         1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         2.00</td><td>201281 H151797 WYADOO 104,20 1,17 1 505 200 1,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>201817         H5470         H7480         15.71         GBS         200         100         9         1028           201841         H5470         H5400         H5400</td><td>201514         H.5470         H.5470&lt;</td><td>2021         14.20         15.71         6.00         10.00         9         10.00           2021         14.50         14.50         14.40         10.00         10.00         9         10.00         10.00         9</td><td>30.34817.1         H.5.4702         H.5.302         H.3.4702         H.3.4702</td><td>30.34817         H.5.1776         M.5.000         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         M.5.200</td><td>30.34817.1         H.5.4702         H.5.4702</td><td>30.054811         H.5.4708         H.5.4708</td><td>444717         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           44871         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           4400181         HANDRING         164.20         17.71         615.2         1.00         9         909.09           4503181         HALDRING         HANDRING         164.9         100         144.9         200         100         20         9         909.09           782701         HALDRING         HANDRING         164.9         100         144.9         100         200         0.00         20         100         20           782701         HALDRING         HALDRING         164.9         100         44.4         100         200         100         20         100         20         100         20         100         20         100         20         100         20         20         100         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         2</td><td>  March   Marc</td></td<></td></t<></td> | 24373 1 F8779 W7070 1043-00         19.77 104         19.77 1 | 24875         HS 5770         HS 5770 | 24373 14 15 1779 W7010         1443.0         13.71         655         2.00         1.00         9           243014 Hz,1879 W7010         1443.0         13.71         655         2.00         1.00         9           43014 Hz,1879 AA01041 AA0104 W7010         1473.0         6.54         1.74         6.00         1.00         9           78386 Hz,18776 AA0104 W7010         470.0         6.54         1.00         1.00         1.00         9           30099 Hz,18776 AA0104 W7010         4.55         1.00         1.00         1.00         1.00         9           20019 Hz,18777 Az, 18177 Az, 18176 W7010         4.50         1.00         1.00         1.00         9           2019 Hz,1877 Az, 18177 Az, 1817 Az, | 24875         HS 1876         W 2000         19.7         5.65         2.00         1.00         5.7           272814         Hs 1879         AA010617         8.72         1.74         6.60         2.00         1.00         9           430319         Hs 1879         AA010617         8.70         6.54         1474         6.00         0.00         9           430319         Hs 1877         AA131229         1.02         0.69         1.00         2.00 | 24873         HS 5749         MY 2010         148-20         13.71         655         2.00         1.00         9           2430314         HS 6749         HS 672         HS 70         1.37         6.58         1.00         1.00         9           430314         HS 6709         HS 670         HS 70         6.58         1.74         6.00         1.00         9           73289         HS 13729         AA13123         HS 90         1.09         1.09         1.00         9           30399         HS 13722         AA13123         HS 90         1.00         1.00         3           209199         HS 12722         AA13123         HS 90         1.00         1.00         3           209199         HS 141272         AA13129         HS 90         1.00         1.00         3           209199         HS 141272         AA44761         25.21         1.40         3.00         1.00         3           209199         HS 141272         AA44761         25.21         1.74         34.05         1.00         3           209199         HS 17274         AA44761         25.21         1.74         34.05         1.00         3         3         3 | 24873 1 F8778 W70700 1043-0         148.77 0 1043-0 <t< td=""><td>242014 H4.1879 W7010 1043-0 13.77 0.55 2.00 1.00 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>43.437.5 His 18778         43.437.5 His 18778         44.44.5 Sol.5 His 18780         44.44.5 Sol.5 His 18780         44.44.5 Sol.5 His 18780         44.44.5 His 18780        
44.4</td><td>202814         His18778         WADDIO         104,50         13.71         6.65         2.00         1.00         9           202814         His1879         AADTORIT         8.70         13.71         6.65         2.00         1.00         9           45,5369         His1879         AADTORIT         8.70         0.54         14.74         6.00         1.00         9           503581         His1879         AADTORIT         8.70         0.54         14.74         6.00         1.00         9           203581         His1872         AADTORIT         8.55         1.00         6.00         1.00         9           208690         His1872         His1872         4.64         6.00         1.00         9           20871         His1872         4.64         6.00         6.00         6.00         1.00         9           20870         His1872         4.64         1.00         3.26         9.00         6.00         1.00         9           20870         His1872         4.64         1.00         3.26         9.00         6.00         1.00         9           20870         His1872         4.66         4.76         4.76</td><td>3.44477         HS,18779         WAZOTO         104,30         13,714         OBS         2.00         100         9           20201         HS,18779         HAGOTO         8.70         0.59         14.74         600         0.00         9           42031         HS,18799         AA447683         10.90         10.98         10.98         10.09         9           420319         HS,2824         AA447683         10.90         10.99         10.00         10.00         9           209874         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N94817         5.27         10.0         10.00         9           209888         HS,70320         N94817         5.84         10.0         10.00         9           20988         HS,70320         N94818         5.27         10.0         5.00         10.0         10.00         9           2098         HS,80320         <td< td=""><td>3.44373         His 17874         WAZDID         104,30         13,71         His 18774         WAZDID         104,30         13,71         WAZDID         104,30         13,71         WAZDID         104,30         10,41         100         100         9           430319         His 18789         AA410687         8.70         0.55         14,74         600         0.00         9           430319         His 18724         AA410687         8.56         100         6.00         0.00         9           203581         His 142722         His 3224         AA447610         2.52         100         0.00</td><td>2002814 15.476 VA75010 104.30 13.77 5 65.7 13.00</td><td>200181 H-18799 AA010010 104,300 13-77 5 65 200 1000 9 2000181 H-18799 AA010010 104,300 13-77 5 61,77 14,77 1</td><td>2002814 14.5476 AV01001 104.30 19.77 5 6.05 2.00 1.00 9 20.00 14.5476 AV01001 104.30 19.77</td><td>2015/2614         15.15.7973         MATATOR         104.20         1.7.1         5.65         2.00         1.00         9         105.0           4.202314         14.51.997         4.702016         1.3.7         1.4.7         5.66         2.00         1.00         9         105.0           4.202314         14.51.99         AA111729        
1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         9         105.0           203054         14.51.79         AA111729         1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         2.00</td><td>201281 H151797 WYADOO 104,20 1,17 1 505 200 1,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>201817         H5470         H7480         15.71         GBS         200         100         9         1028           201841         H5470         H5400         H5400</td><td>201514         H.5470         H.5470&lt;</td><td>2021         14.20         15.71         6.00         10.00         9         10.00           2021         14.50         14.50         14.40         10.00         10.00         9         10.00         10.00         9</td><td>30.34817.1         H.5.4702         H.5.302         H.3.4702         H.3.4702</td><td>30.34817         H.5.1776         M.5.000         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         M.5.200</td><td>30.34817.1         H.5.4702         H.5.4702</td><td>30.054811         H.5.4708         H.5.4708</td><td>444717         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           44871         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           4400181         HANDRING         164.20         17.71         615.2         1.00         9         909.09           4503181         HALDRING         HANDRING         164.9         100         144.9         200         100         20         9         909.09           782701         HALDRING         HANDRING         164.9         100         144.9         100         200         0.00         20         100         20           782701         HALDRING         HALDRING         164.9         100         44.4         100         200         100         20         100         20         100         20         100         20         100         20         100         20         20         100         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         2</td><td>  March   Marc</td></td<></td></t<> | 242014 H4.1879 W7010 1043-0 13.77 0.55 2.00 1.00 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 43.437.5 His 18778         44.44.5 Sol.5 His 18780         44.44.5 Sol.5 His 18780         44.44.5 Sol.5 His 18780         44.44.5 His 18780         44.4 | 202814         His18778         WADDIO         104,50         13.71         6.65         2.00         1.00         9           202814         His1879         AADTORIT         8.70         13.71         6.65         2.00         1.00         9           45,5369         His1879         AADTORIT         8.70         0.54         14.74         6.00         1.00         9           503581         His1879         AADTORIT         8.70         0.54         14.74         6.00         1.00         9           203581         His1872         AADTORIT         8.55         1.00         6.00         1.00         9           208690         His1872         His1872         4.64         6.00         1.00         9           20871         His1872         4.64         6.00         6.00         6.00         1.00         9           20870         His1872         4.64         1.00         3.26         9.00         6.00         1.00         9           20870         His1872         4.64         1.00         3.26         9.00         6.00         1.00         9           20870         His1872         4.66         4.76         4.76 | 3.44477         HS,18779         WAZOTO         104,30         13,714         OBS         2.00         100         9           20201         HS,18779         HAGOTO         8.70         0.59         14.74         600         0.00         9           42031         HS,18799         AA447683         10.90         10.98         10.98         10.09         9           420319         HS,2824         AA447683         10.90         10.99         10.00         10.00         9           209874         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N93789         8.26         10.00         10.00         9           209887         HS,40320         N94817         5.27         10.0         10.00         9           209888         HS,70320         N94817         5.84         10.0         10.00         9           20988         HS,70320         N94818         5.27         10.0         5.00         10.0         10.00         9           2098         HS,80320 <td< td=""><td>3.44373         His 17874         WAZDID         104,30         13,71         His 18774         WAZDID         104,30         13,71         WAZDID         104,30         13,71         WAZDID         104,30         10,41         100         100         9           430319         His 18789         AA410687         8.70         0.55         14,74         600         0.00         9           430319         His 18724         AA410687         8.56         100         6.00         0.00         9           203581         His 142722         His 3224         AA447610         2.52         100         0.00</td><td>2002814 15.476 VA75010 104.30 13.77 5 65.7 13.00</td><td>200181 H-18799 AA010010 104,300 13-77 5 65 200 1000 9 2000181 H-18799 AA010010 104,300 13-77 5 61,77 14,77
14,77 1</td><td>2002814 14.5476 AV01001 104.30 19.77 5 6.05 2.00 1.00 9 20.00 14.5476 AV01001 104.30 19.77</td><td>2015/2614         15.15.7973         MATATOR         104.20         1.7.1         5.65         2.00         1.00         9         105.0           4.202314         14.51.997         4.702016         1.3.7         1.4.7         5.66         2.00         1.00         9         105.0           4.202314         14.51.99         AA111729         1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         9         105.0           203054         14.51.79         AA111729         1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         2.00</td><td>201281 H151797 WYADOO 104,20 1,17 1 505 200 1,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>201817         H5470         H7480         15.71         GBS         200         100         9         1028           201841         H5470         H5400         H5400</td><td>201514         H.5470         H.5470&lt;</td><td>2021         14.20         15.71         6.00         10.00         9         10.00           2021         14.50         14.50         14.40         10.00         10.00         9         10.00         10.00         9</td><td>30.34817.1         H.5.4702         H.5.302         H.3.4702         H.3.4702</td><td>30.34817         H.5.1776         M.5.000         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         M.5.200</td><td>30.34817.1         H.5.4702         H.5.4702</td><td>30.054811         H.5.4708         H.5.4708</td><td>444717         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           44871         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           4400181         HANDRING         164.20         17.71         615.2         1.00         9         909.09           4503181         HALDRING         HANDRING         164.9         100         144.9         200         100         20         9         909.09           782701         HALDRING         HANDRING         164.9         100         144.9         100         200         0.00         20         100         20           782701         HALDRING         HALDRING         164.9         100         44.4         100         200         100         20         100         20         100         20         100         20         100         20         100         20         20         100         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         2</td><td>  March   Marc</td></td<> | 3.44373         His 17874         WAZDID         104,30         13,71         His 18774         WAZDID         104,30         13,71         WAZDID         104,30         13,71         WAZDID         104,30         10,41         100         100         9           430319         His 18789         AA410687         8.70         0.55         14,74         600         0.00         9           430319         His 18724         AA410687         8.56         100         6.00         0.00         9           203581         His 142722         His 3224         AA447610         2.52         100         0.00 | 2002814 15.476 VA75010 104.30 13.77 5 65.7 13.00
13.00 | 200181 H-18799 AA010010 104,300 13-77 5 65 200 1000 9 2000181 H-18799 AA010010 104,300 13-77 5 61,77 14,77 1 | 2002814 14.5476 AV01001 104.30 19.77 5 6.05 2.00 1.00 9 20.00 14.5476 AV01001 104.30 19.77 | 2015/2614         15.15.7973         MATATOR         104.20         1.7.1         5.65         2.00         1.00         9         105.0           4.202314         14.51.997         4.702016         1.3.7         1.4.7         5.66         2.00         1.00         9         105.0           4.202314         14.51.99         AA111729         1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         9         105.0           203054         14.51.79         AA111729         1.4.9         1.00         1.4.7         6.00         0.00         2.00         1.00         2.00 | 201281 H151797 WYADOO 104,20 1,17 1 505 200 1,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 201817         H5470         H7480         15.71         GBS         200         100         9         1028           201841         H5470         H5400         H5400 | 201514         H.5470         H.5470< | 2021         14.20         15.71         6.00         10.00         9         10.00           2021         14.50         14.50         14.40         10.00         10.00         9         10.00         10.00         9 | 30.34817.1         H.5.4702         H.5.302         H.3.4702         H.3.4702 | 30.34817         H.5.1776         M.5.000         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         H.5.2776         M.5.200         M.5.200 | 30.34817.1         H.5.4702         H.5.4702 | 30.054811         H.5.4708         H.5.4708 | 444717         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           44871         HANDRING         164.20         17.71         615.2         2.00         1.00         9         909.09           4400181         HANDRING         164.20         17.71         615.2         1.00         9         909.09           4503181         HALDRING         HANDRING         164.9         100         144.9         200         100         20         9         909.09           782701         HALDRING         HANDRING         164.9         100         144.9         100         200         0.00         20         100         20           782701         HALDRING         HALDRING         164.9         100         44.4         100         200         100         20         100         20         100         20         100         20         100         20         100         20         20         100         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         2 | March   Marc |

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1,00 3 192.85 Stornach		465.57	0.07		31.17
6.00		27.74	0.28		7.87
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1.00 ×		6.84	<u> </u>		
		8.35	1.72		14.36
7 007		7 30		5	17.38

Page 44 (of 118 pages of Table 3A)

Testis	Spieen	Foreskin						5 60	200	1	Tean.		Heart		Brain	Pool	Bone	Pooled	Whole embryo	Heer	yoBrain	Lung	Parathyroid	Bone	Gem Cell	LIU nat toung	LD and found	yolung	LID not found	Parathyroid	8 8	ğ ğ	Whote embryoPlacenta	Foreskin	nerCervix	Tonsi	Whole embryo		ec nean Brain	1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Poor	CNS		nd Other	Heart	I OUEII	Signary Signary	and Testis	LID not found	10000
Heart	Germ Cell	Brain	Pool	Parathyroid	CIO not tound	noreasi	Spirite Contract	Tooling.	9	700	TOOL TOOL	Herin	Signal Signal	OBrain	of ancreas	с Аопа	Neural	Brain	Fareskin	CNS	Whole embryoBrain	Pooled	Tonsil	Tonsi	Thyroid	50	2	Whole embryoLung	Lung	Pooled	Eye o	LiD and found Other	Whole emb	Rone	Peripheral ner Cervix	Parathyrold	Testis	No.	Tread and nec rear	Placenta	Placenta	Aorta		LID not found Other	0000	2 2	Tone	Umbilical cord Testis	Pool	1
154.82 Eye	Blood	Aorta	372.61 Lung	Pooled	20.0	Synova memorical	AD1.25 WHOLE EMILYSOLIE LOS	Total	19001	610.05 610.05 Brain	310.80 Drain	422 22 Exceptin	460 63 Adinose	Whole emboding	Small intestined ancreas	Smooth muse Aorta	93.94 Placenta	488.82 CNS	Z38.35 Nose	220.71 Adipose	442.79 Pool	Ovary	Cda	CNS	28.12 Ignare		245 D6 Pooled	143.02 Pooled	Colon	101.7 Blood	553.7 Placenta	533.13 LIVER	581.91 Testis	65.19 Stomach	218.98 Omentum	72.52 CNS	, 44 444	165.63 AOTE	BUDBN /0.050	102.62 Proled	231.75 Cervix	251.44 Gall bladder		P00	980N 58.88	Poored	541 37 Far	178.45 Skin	רושם	
22			9			:	<u> </u>	3	r	n 5	5 č	ž č	¥ e	1			2	4	. <u>6</u>	9	9				4	Ş	2 ×	( m		8	- 9	ž v	· •	15	12	4	•	2 (	٧	-	×	50		;	9		·	• 4		
0.00	1.00	3.00	0.00	0.00	90.0	9 6	9 6	9 6	9 6	9 6	9 9	8 6	8 6	9 6	0.0	3,00	0.	2.00	00.1	2.00	9.00	6.00	0.0	8.	0.0	8.6	8 6	90.9	0.00	9.90	8 6	0.0	800	9	6.00	0.00	8.5	8 8	8 8	8 8	8	0.00	1.00	8.5	8 8	8 8	8 5	800	0	
8.	8.8	8.	200	8	00.00	3 8	3 8	3 8	8 8	3 8	3 5	3 5	8	8 4	8	9	14.00	16.90	000	1.00	9.00	6.00	8	8	200	8 6	8 8	8	9.1	800	8 8	3 8	8 8	23.00	00.6	8	8 8	3 8	3 8	8 8	200	1.00	0.00	8	8 8	3 5	3 5	88	8	
11.30	8.63	13.07	7.02	9.81	1470659.50	5.5	77.01	40.04	10.03	10.11	27.46	7	72.4	923242 15	5.09	9.48	4951613.79	42.90	44	7.63	55.54	53.87	10.38	6.22	6.17	55.24	10.41	164.27	116.09	23.54	22.56	12898	6.77	13220.11	160.22	7.18	28.50	9 9	9 9	17.83	49.50	6.24	5.24	8.59	5.75	\$ 3	1 10	16.08	5.48	: :
0.70	0.77	0.55	22.51	0.75	9 6	9 :	107	5 5	2 5	77.6	90.0	3 5	9 0	9 9	8	96	000	230	1.52	0.62	0.32	0.10	<del>.</del>	<b>7</b> .30	<b>8</b>	÷ ;	29 <del>-</del>	0.10	0.05	0.60	0.28	) (A) (A)	5.32	0.01	0,16	1.45	7 7	70.61	3 5		0.12	17.48	6.23	3.53	4.83	2 6	3 5	6 12	1	:
7.95	8.66	7.19	157.82	7.37	7.4	4.05	20.04	200	14.21	107.03	8).C	7 7 7	6	3 5	80.5	8.04	49.52	55.92	9.82	6.25	17.83	5.39	10.38	26.78	6.17	3 2	2 6	16.43	5.40	14.12	5.40	79.97 8.73	36.02	120.04	24.86	10.41	295.30	108.90	9.16 20.51	5 <u>5</u>	2.90	109.20	32.62	82 S	27.80	92.4	4 5.04 2 3	8 4	6.40	:
AA454014	AA455291	N50827	N93740	R67886	178942	DERICA	AA431130	N/0039	177007	7007 /N	N30000	NAGA	AAA85428	N78097	AA454754	R94947	AA099153	W72167	AA133665	W92417	AA678998	AA457137	AA458453	N79548	AA454612	AA479058	AA459480	W73889	N79813	R28004	AA004525	AA004525 N84032	AA480299	W48852	AA629591	N68007	AA284184	AA008383	AA103628	44457115	AA677306	H98653	AA443582	AA010406	AA678138	AA419264	1 32888 H84871	AA430032	197276	
Hs.40696	Hs.14407	Hs.25275	Hs.203651	HB.124134	Hs.124836	18.100004	18.43330	13.10102	H3.16786	18.15(00)	H\$.52170	13.170135	He 405058	He 50699	Hs 165839	Ha.58617	Ha.184670	Hs.8037	Hs 171637	Hs.29664	Hs.7541	Hs.108318	Hs.88737	Hs. 132739	Hs. 79391	HS.1166	Hs. 107362	Hs 65424	Hs.50852	Hs. 108667	Hs.2178	HS.152894	Hs.78200	Hs.40098	Hs.74837	Hs. 167031	Hs.210721	HS 13/63/	HS 122677	Ha 90084	Hs. 1179	Hs. 172458	Hs 59838	Hs 208882	Hs.81469	HS.88644	He 100763	Hs 159628	Hs. 1200	
95280	810062	280907	07157	140240	08915	107/63	100201	20000	182/34	000183	767907	2000	811048	2040	809785	198607	489519	345123	503639	359059	454083	810457	809430	301627	811585	754034	413437 Anasas	345553	302120	133930	430235	428507	795748	324951	884768	29052	324220	710000	355543	24242	45440	262023	771254	430320	131908	20000	240601	781089	121454	

Page 45 (of 118 pages of Table 3A)

Blood	9,0	- A	Placenta	Heart	CNS	Gail bladder	Spleen	Liver		Lymph	Spleen		•	Kidney	Agrendi giand	Diegai	Umbilical cord		Pool b	Sploen	Blood	Adipose	Skin	Eye	Testie	UD not found	Aorta		Hear	Brain	Uterus I D not found	Pancreas	Pooled	d Other	Aorta	m Bone		yoBlood		d Other		Brain	d Other		Skin	Tonsil	roPool	Breast	Germ Cell	Gerra Cell
Kidney	Brain	X does	Brain	Pooled	Adrenal gland (	ineAorta	Tons	Pooled		Thymus		Aorta	LID not found	Ovary	Cervix	Program and the second	Adinose	Parathyroid	ec Umbilical cord Pool	8		Liver	sc Foreskin	Pooled	oreas.	Testis	Parathyroid	Coton	Germ Cell	Breast	Brain	Blood Pancre	Acipose	LID not four	Stomach Aorta	Synovial me	3	Whole embryoBlood	Prostate -	LID not foun	Esophagus	lestis	CID not found	I D and form	Brain	ryoForeskin	Whole embn	Adipose Breast	CoZ	Kidney
305.41 Adipose	218.34 CNS	124.25 Liver	209.9 Aorta	115.7 lanore	421.81 Skin	115.59 Small intestine-orta	171.69 Aorta	176.69 Bone			414.56 Liver	244.17 Placenta	Brain	56.49 Nose	Paperasi Paperasi	* C C C C C C C C C C C C C C C C C C C	556 54 Thyraus	277.47 Placenta	43.34 Head and nec	634.7 Livor	556.23 CNS	338.98 Esophagus	351.05 Smooth mu	290.95 Muscle	SER OD RICHARD	Spleen	581.27 Foreskin	539.74 Pancreas	Testis	Spieen	130.24 Aorta 510.25 Broin	411,43	23.41 Stomach	Ovary	Cervix	21.55 Cervix	300.46	554 Brain	Воле	Brain	373.42 Musde	rau <b>d</b>	Breard From the con-	Soleen	371.25 Stomach	355.49 Whole embryoForeskin	Spleen	87.85 Nose	448.63 Stomach	Blood
o	18	· un	2 0	100	5	9	-	7			17	12	;	₽,	≺		٩	. 52	12	•	₩	17	×		- u	,	ဖ	17		•	w r	- 7	•			9 !	≥ &	; e			=		•	•	*0	9		<b>5</b> :	5	<u>.</u>
0.00	800	8	8	8	300	0.0	8.3	0.00	0.00	0.0	2.00	0.00	9.5	9.00	9 6	8 6	000	0.00	6.00	0.00	0.00	3.00	6.00	2.00	00.5	000	0.00	1.00	<b>1</b> .00	2.00	0.00	900	2.00	0.00	0.00	00.9	9 9	6.00	0.00	0.00	0.0	0.00	8 8	8 6	2.00	00.0	0.00	0.0	0.0	5.8
1,00	00.1	100	00	000	8.00	1.00	2.00	2.00	3.00	9.	13.00	2.00	9:5	8 6	8 6	8 5	6	15.00	8.8	8.1	8.	2.00	8	8 8	8 5	3 8	8	9.00	<b>9</b> .80	8	8 5	8 8	14.00	2.00	1.00	8.6	900	9.00	9.	9.1	3.00	8:	2.00	8 8	90.9	1.00	6.00	0.1	3.00	0.00
5.76	12.10	5.88	13.69	15.54	11.32	5.80	46.51	7.44	8.18	6.32	12.41	5.78	7.40	34.42	20.02	57.435 BA	938	1464088.69	104.87	500023.06	9.86	21.32	29.06	S 5	08.5 C3.7	5.45	6.95	27.43	21.80	<b>2</b> .	6.25	538.87	27.90	14.49	5.37	109.27	115.24	129.61	. 6.12	9.83	23.05	7.59	<b>3</b>	8.6	36.52	8.52	12.70	11.07	10.96	5.23
6.29	0.50	0.95	00.	69.0	4.80	22.93	9.	3.8	2.68	11.98	3.15	8	8	.32	2 6	8 8	05 69	000	0.55	0.00	2.27	1.00	1.74	<b>X</b> 8	3 6	5.5	11.61	1.23	3.15	8.5	8. S	25.5	2	1.32	9.02	o. 5	5 0	0.08	3.94	0.74	50.	1.1	 	9 9	533	4.4	2.85	2.48	1.61	6.07
36.22	909	5.38	13,69	10.72	54.38	132.97	46.51	22.76	23,56	63.69	39.11	26.92	40	45.26	20.07	5.74	850 49	14.64	57.68	5.00	22.41	21.32	50.62	23.35	8.80 08.81	79.02	80.64	33.85	68.66	16.04	20.27	1365.43	120.93	19.18	48.43	1.07 5.07	52.52	10.67	24.08	6.52	23.73	6.90	11.70	8 86	194.72	29.18	33.63	27.48	17.69	31.74
AA525806	N46843	172088	R63918	AA071526	AA293571	N35079	T55807	172825	H26182	AA425209	H68848	T53404	R53527	AA568703	A4010004	AA703653	AA451895	T54164	AA147043	T88481	AA292382	AA429885	AA292228	AA668426	774759	AA668527	AA115076	AA129777	AA426374	AA479910	H10192 U20566	W47101	AA041251	T50137	AA186804	AA488413	AA045074	AA489470	AA483493	H11274	AA460849	H16262	HZ4335	T51620	H72122	AA445881	T52152	T59665	R38917	AA487252
Hs. 11342	Hs. 171983	Hs 181044	Hs 117546	Hs. 106019	Hs. 82359	Hs. 169387	Hs.35086	Hs. 83313	Hs. 108705	Hs. 184276	Hs. 1252	Hs.208501	Ha. 169457	Hs. 28081	He 20582	He 159829	Hs 79274	Ha 172803	Hs. 103315	Hs. 184383	Hs. 155650	HS.90786	Hs. 187958	Ha.804	H3.151032	Hs.102598	H\$.82071	Hs.85838	Ha.98102	Hs.25598	H8.103720	Hs.128256	Ha.164860	Hs.9123	Ha.25740	Hs.171695	Hs.10590	Hs.100843	Hs.206577	Hs.31040	Hs.195768	H8.31415	HS.28255	Hs 9328	Hs.104925	Hs.180532	Hs.8382	Hs.107253	Hs.25300	Hs.72484
	3659 279172			366105	7 714213	3 271684	73596	2 84229	3 161998	173288	5 212188	5 68784	39843	2 857319	74326B	20757	1 78680	2 68988	4 588559	0 63388	1 725927	5 781139	6 725877	785587	1 641336	3 859807	8721 481565	9 502151	4 757489	5 772912	6 46694 7 £2870	8 324655	9 376298	0 77238	2 625875	3 843048	7 487165	0 897427	1 796966	2 47328	5 796287	6//58	5 52191	72447	2 213651	3 784238	8 71902	9 76182	3 24718	39 B41492

Pane 48 (of 118 pages of Table 3A)

108.07 21.56 5.05 100 0.00 11 227.14 Units 5.05 1100 0.00 11 20 205.2 Spent 11 250 25.05 1100 0.00 11 20 205.2 Spent 11 250 25.05 1100 0.00 11 20 205.2 Spent 11 250 25.05 1100 0.00 11 20 205.2 Spent 11 250 25.05 1100 0.00 11 20 205.2 Spent 11 250 25.05 1100 0.00 11 20 205.2 Spent 11 250 25.05 1100 0.00 11 20 205.2 Spent 11 250 25.05 11 20 0.00 11 20 205.2 Spent 11 250 25.05 11 20 0.00 11 20 205.2 Spent 11 250 25.05 11 20 0.00 11 20 205.2 Spent 11 250 25.05 11 20 0.00 11 20 205.2 Spent 11 250 25.05 11 20 0.00 11 20 205.2 Spent 11 20	-	H09716	80.43	13.80	6.77	1.00	0.00	£.	297.84 Brain	LID not found Other	Other
8         635         0.00         63544 (8)         1.00         0.00         1.1         252.4 Userus           623         0.21         25.83         1.00         0.00         1.1         252.4 Userus           623         0.21         25.83         1.00         0.00         1.00		H23216	108.97	21.58	5.05	1.00	8.0	<b>e</b> £	438.5 Brain	LIO not found	Other
47.55         6.52         7.31         1.00         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0         5.00         1.0		AA155748	6.35	0.0	635494,06	8.	8.0	=	227.4 Uterus	P00.	LID not found
96.25         0.21         2.26.3         0.01         1.00         1.0         1.00         1.0 <t< td=""><td></td><td>T65736</td><td>47.65</td><td>6.52</td><td>7.31</td><td>8</td><td>8 8</td><td>-</td><td>545.68 Thymus</td><td>Spicen</td><td>Actoose 10 and found</td></t<>		T65736	47.65	6.52	7.31	8	8 8	-	545.68 Thymus	Spicen	Actoose 10 and found
1705.10         1705.10 <t< td=""><td></td><td>H10761</td><td>6.23</td><td></td><td>29.63</td><td>9.5</td><td>8 5</td><td>ō</td><td>205 02 Soleen</td><td>Whole embry</td><td>oProstate</td></t<>		H10761	6.23		29.63	9.5	8 5	ō	205 02 Soleen	Whole embry	oProstate
84.19         9.12         9.67         1.00         0.00         Pooled Pool           14.50         0.22         5.56         1.00         0.00         18         448.01 Brown           14.50         0.22         5.56         1.00         0.00         18         448.01 Brown           8.50         3.71         1.02         1.00         0.00         9         364.48 Lymph rode           2.50         3.71         0.72         1.10         0.00         9         364.48 Lymph rode           2.50         3.71         0.72         1.10         0.00         9         364.48 Lymph rode           2.50         3.71         0.72         1.10         0.00         9         364.48 Lymph rode           2.50         0.50         3.71         0.72         1.00         0.00         9         364.48 Lymph rode           2.50         0.50         3.72         0.00         3.00         3.00         30.33         30.30         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33         30.33 <t< td=""><td></td><td>AA625634</td><td>1708.10</td><td>280.34</td><td>60.9</td><td>6.6</td><td>8</td><td>•</td><td></td><td></td><td>Aorta</td></t<>		AA625634	1708.10	280.34	60.9	6.6	8	•			Aorta
9,053         6,48         7,81         100         0,000         Pooled 14,007         Pooled 15,007         Pooled 14,007		H17506	86.19	9.12	9.67	3.00	6.0		Colon	CNS	Whole embryo
14 55         0.10         14315         9.00         0.00         16.07         Pool           12 5         2.25         5.56         1.00         0.00         9         394.45 Lymbh rode           9.8 7         2.77         2.00         0.00         9         394.45 Lymbh rode           3.6 8         2.77         2.00         0.00         9         394.45 Lymbh rode           2.4 63         1.5         1.00         1.00         21         49.55 Syrovia mrn           5.5 7         1.00         2.34         7.00         0.00         1.00         294.45 Lymbh rode           5.5 7         1.00         2.34         7.00         0.00         21         49.55 Syrovia mrn           1.62 1         2.00         0.00         0.00         4         4.86.25 Pyrovia mrn           2.5 3         1.00         0.00         0.00         1.00         29.44 Pyrovia mrn           3.6 4.1         1.00         2.20         0.00         1.00         29.44 Pyrovia mrn           4.1 2.2         1.00         0.00         0.00         1.00         29.44 Pyrovia mrn           4.1 2.2         1.00         0.00         0.00         0.00         1.00         1.00 </td <td></td> <td>AA045574</td> <td>50.63</td> <td>6.48</td> <td>7.81</td> <td>9.</td> <td>8.0</td> <td></td> <td>Pooled</td> <td>Heart</td> <td>Prostate</td>		AA045574	50.63	6.48	7.81	9.	8.0		Pooled	Heart	Prostate
MAGDIST         12.50         2.25         4.56         1.00         0.00         18         44810 Point P		W86245	14.63	0.0	143.15	00.6	8		- <u>S</u>	LID not found Other	Other 1
AMAGOSAT         8.83         1.27         7.54         2.00         0.00         9         3.84.4 Cmpn composed by the proposed by the		N30152	12.50	2.25	5.56	8:	8	₽,	Bone		000
WAGESTS         3.6.08         3.7.1         1.1.2         1.0.0         0.00         6         308.33 Pool           WAGESTS         3.6.08         3.7.1         1.1.0         1.00         21         5.00         Emphasus           MAGSTOT         3.6.0         1.00         21         4.63.55         Showing         Emphasus           MAGSTOT         3.6.0         1.00         2.0         1.00         21         4.63.55         Showing           MAGSTOT         3.6.1         1.00         4.20         0.00         1.00         2.0         1.00         4.63.55         Showing         Bool         4.63.55         Showing         Bool         4.63.55         Showing         Bool         4.60         1.00         5.0         1.00         4.63.55         Showing         Bool         About         4.60         1.00         4.60         1.00         Bool         About         About         4.60         1.00         1.00         1.00         1.00         Bool         About         About         About         4.60         1.00         Bool         About		AA460347	9.93	1.27	2 (	2.00	8 6	n.	Lympn node		0000
WASSY         7,10         0.2         2,118         3,00         0.00         21         9,00         100		W80361	36.06	2.5	9.72	8 8	8 6	q	3 3		
WAGNING         5.56         1.00         1.00         21         64.13 CNS           WAGNING         5.56         1.00         2.57         7.00         6.00         21         48.25 Shrowing mem WAGNING           WAGNING         4.22         1.00         5.50         1.00         1.27         48.82 Parally independent with the control of the control		W8685/	01.7	8 9	67:17 15:03	3 5	8 6	0	Femohanis		Parathymid
AAASTSCS         25.87         1.00         25.87         7.00         6.00         12         455.5 Synovia mem           NAZ372         16.21         2.16         7.50         0.00         13         468.52 Parally/old           NAZ372         16.21         2.16         7.50         0.00         13         468.52 Parally/old           NAD02713         2.64         2.00         0.00         13         468.52 Parally/old           NAD02714         6.00         1.00         4.00         0.00         16         113.08 Poula           AAD02714         6.00         1.00         0.00         1.00         1.00         10.00<		M4437707	64.03 5.03	8 5	3 9	8 8	000	21	94.78 CNS	LID not found (	Other
WG37372         16.21         2.16         7.50         3.00         0.00         4         488.82 Parathry/add Proved Instituted Inst		AA454605	25.87	8 8	25.97	8 8	92	<u> </u>	485.55 Synovia mer	F	Stomach
NYSZ15 - S.4.2         5.4.2         1.00         6.4.2         2.00         100         113.68 POND         CERT           R88407 - 41.23         1.00         41.29         1.00         40.00         113.68 POND         Ear           AA070714 - 6.05         6.57         2.02         2.00         0.00         113.68 POND         POND           AA070714 - 6.05         6.05         1.00         6.54.7         0.00         10         113.68 POND           AA070724 - 6.05         0.10         6.54.7         0.00         1.00         10         110.85 POND           AA07767 - 6.55         0.10         6.54.7         0.00         1.00         10         188.88 POND           AA07767 - 6.55         0.10         6.54.7         0.00         1.00         10         188.88 POND           MA0777 - 6.55         0.10         6.59         1.00         0.00         1.00         10.00         10         10.00           MA077 - 7.27         1.1.77         2.00         0.00         1.00         0.00         11.00         2.24.88 POND         10.00         10         11.00         10.00         10         10.00         10         10.00         10         10.00         10         10.00 </td <td>He 37282</td> <td>WG7372</td> <td>18.21</td> <td>2 16</td> <td>7.50</td> <td>300</td> <td>0.00</td> <td>4</td> <td>488.82 Parathyroid</td> <td>Pooled</td> <td>Brain</td>	He 37282	WG7372	18.21	2 16	7.50	300	0.00	4	488.82 Parathyroid	Pooled	Brain
R98407         4.128         1.00         4.129         1.00         4.129         1.00         4.129         1.00         4.129         1.00         4.129         1.00         4.00         Ear         A.00         A.00         1.00		N52315	5.42	8	5.42	8	000	<u>.</u>	237.98 CNS		Ovary
Wisiering         28.40         9.80         2.00         0.00         Higher           Authority         6.15         2.36         9.80         2.00         113.68         Prol           Authority         6.05         1.36         1.30         0.00         16         113.68         Prol           Authority         6.05         1.00         6.84         1.00         0.00         10         198.88         Prol           Authority         9.46         1.60         5.93         1.00         0.00         10         198.88         Prole           H984-0         2.70         1.72         8.00         1.00         1         10.88         Prole           H984-0         2.70         1.77         2.00         0.00         11         254.48         Prole           H984-0         2.70         2.71         1.77         2.00         0.00         1         254.48         Prole           H987-0         2.75         1.00         0.00         1         2.24.48         Prole         1         0.00         1         0         0         0         0         0         0         0         0         0         0         0	48 21851	R98407	41.29	8	41.29	8	9.00		Ear	Bone	CNS
ACIOCATIO         66 75         2.8         2.6.2         3.00         0.00         16         113.89 Pool           ACIOCATIO         6.0         1.03         5.64         1.00         0.00         10         Pool           AAND1024         6.0         1.03         5.64         1.00         0.00         10         188.89 Pooled           AAAD1764         6.05         1.60         6.27         1.00         0.00         10         188.89 Pooled           AAAD1765         8.46         1.60         6.02         1.00         0.00         110.82 CMS           H59640         2.470         2.15         1.48         2.02.7         8.00         1.00         X         110.82 CMS           H59640         2.470         2.15         1.00         0.00         1.10         X         110.82 CMS           AA13215         2.86         3.27         2.17         2.00         0.00         1.10         2.42.40 Pool           AA13216         3.86         3.00         0.00         1.00         2.00         1.00         2.42.40 Pool           AA13216         3.86         3.00         0.00         1.10         X         1.10.82 CMS           AA13216		MR15/13	28.40	8	08	2 00	0.00		Kidney	Heart	Brain
Ad010214         6.06         1.03         5.86         1.00         0.00         100         188.8 Poole Pool MA457136         6.55         0.10         6.54 7         8.00         4.00         100         100         10.88 Poole Pool MA457136         6.55         0.10         6.54 7         8.00         4.00         100         110.82 CNS         Pool Pool Pool MA457136         6.53         1.00         1.00         1.00         1.00         188.8 Pooled Pool Pool Pool Pool Pool Pool Pool Poo	He 177342	AA004719	68 75	38	28.28	300	000	9	113.68 Pool	LID not found	d Other
Aλα07687         6.55         0.10         65.47         8.00         4.00         160         160         Pool           MA45718         9.46         1.60         5.93         1.00         0.00         10         110.82 CNS           MA45718         9.46         1.60         2.93         1.00         0.00         11         10.82 CNS           H96967         2.47         2.15         11.48         2.00         0.00         11         224.49 Pool           H96967         1.68         3.21         11.77         2.00         0.00         11         224.48 Poole           MA5070         1.68         3.22         6.73         0.00         0.00         17         742.01 Omentum           MA1320         1.68         3.22         6.73         0.00         1.00         2         742.01 Omentum           MA1520         1.60         0.00         1.00         0.00         1.7         742.01 Omentum           MA5220         0.50         1.00         0.00         1.00         6.00         1.00         6         647.71 CNS           MA6520         0.50         0.50         0.00         1.00         6         647.71 CNS         6.00	He 19110	A4010214	808	1.03	5.88	8	000		Pool	LID not found	d Other
AAA57136         9.46         1.60         5.93         1.00         0.00         10         188.88 Pooled Warfelf           HVA57136         9.46         1.60         5.93         1.00         0.00         110.02 CNS           HVA5640         2.470         2.15         1.48         2.027         8.00         1.00         X         110.02 CNS           HV6540         2.470         2.15         1.47         2.00         0.00         1.1         254.48 Pool           AA133215         2.366         3.27         5.19         1.00         0.00         1.1         254.48 Pool           AA133215         2.366         3.26         3.57         0.00         0.00         1.1         254.68 Pool           AA133215         2.366         3.57         0.00         0.00         1.00         2.24.20 Inchesture           NF5278         6.06         1.00         0.00         1.00         6.00         1.42.20 Inchesture           NF5278         6.06         1.00         0.00         1.00         0.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00 </td <td></td> <td>AA007687</td> <td>85.8</td> <td>9</td> <td>65.47</td> <td>8</td> <td>9.4</td> <td></td> <td>Pool</td> <td>LID not foun</td> <td>d Other</td>		AA007687	85.8	9	65.47	8	9.4		Pool	LID not foun	d Other
W47641         28.96         1.48         2027         8.00         1.00         X         110.82 CNS           H95404         24.70         2.15         11.48         2.00         0.00         11         254.48 Pool           H95407         24.70         2.15         11.48         2.00         0.00         11         254.48 Pool           W65706         1.68         3.2         1.77         1.77         1.77         1.77         1.77         1.77         1.77         1.77         1.77         1.77         1.77         1.77         1.77         1.78         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.79         1.70         1.79<	H: 32659	AA457138	9.40	. 6	563	8	0.00	ō	188.88 Pooled	Eye	Kidney
H59640         24.70         215         11.48         2 00         0.00         11         254.46 Pool           VA65790         18.58         3.27         11.77         2 00         0.00         11         254.46 Pool           VA65790         18.68         3.27         11.77         2 00         0.00         1         2 27.05 Blood           AA13215         2.366         3.52         6.73         0.00         4.00         2         7.42 OI Omentum           N1000         1.98.26         1.49         7.33         9.00         1.00         2         7.42 OI Omentum           N1000         1.98.26         1.49         7.33         9.00         1.00         2         6.47 TONS           N1000         1.98.26         1.00         0.00         1.00         6         6.47 TONS           N4501         1.00         0.00         1.00         0.00         1.73 TONS         6.47 TONS           AA04250         1.01         1.01         0.00         1.00         0.00         1.00         0.00           AA04250         1.01         1.00         0.00         1.00         0.00         1.00         0.00           AA04250         1.01	Hs.8769	W47641	29.90	1.48	20.27	8.00	1.00	×	110.62 CNS		Lung
HeO767         6.564         7.27         11.77         2.00         0.00         11         254.48 Pool           A413215         2.686         3.21         3.19         1.00         0.00         2         742.01 Omentum           N/10301         168.26         1.49         7.33         9.00         6.00         16         742.01 Omentum           N/10301         169.26         1.49         7.33         9.00         6.00         16         742.01 Omentum           N/10302         1.00         1.00         6.00         1.00         6.00         17         72.01 Omentum           N/10304         4.30         1.00         6.00         1.7         1.70 Omentum         1.70 Omentum           AAA1025A         1.71 1.7         1.72         1.71 Omentum         2.00         1.00 Omentum           AAA1025A         1.71 1.7         1.72         1.71 Omentum         2.00 Omentum         2.00 Omentum           AAA1025A         1.72 1.73         1.73 0mentum         2.00 Omentum         2.00 Omentum         2.00 Omentum           AAA1025A         2.00 0mentum         1.00 Omentum         2.00 Omentum         2.00 Omentum         2.00 Omentum           AAA1025A         2.00 0mentum <th< td=""><td>48.200378</td><td>H56840</td><td>24.70</td><td>2.15</td><td>11.48</td><td>200</td><td>0.00</td><td></td><td></td><td></td><td></td></th<>	48.200378	H56840	24.70	2.15	11.48	200	0.00				
WASTOO         18.88         3.21         5.19         1.00         0.00         9         327.05 Blood           AAJ33215         23.86         3.52         8.73         0.00         6.00         1.02         7.42.01 Omenturn           N/1050         1082         1.00         6.00         1.00         6         178.29 Phyroid           N/1050         1.00         1.00         6         1.72.70         1.00	48.124147	H90767	85.64	7.27	11.77	2.00	0.00	Ξ	254.48 Poof	Brain	LID not found
NT108D         135         673         000         400         2         74201 Omenium           NT108D         19826         136         133         9.00         400         2         743 Probabile           NH6001         4379         1.00         6.00         100         2         6.03         178.29 Thyroid           NH6001         4379         1.26         1.00         0.00         1         1.78.29 Thyroid           NH6001         1.09         0.55         1.289         1.70         0.00         1         1.78.29 Thyroid           AA045340         61.37         6.25         0.38         1.00         0.00         1         1.78.29 Thyroid           AA045340         61.37         6.26         6.38         1.00         0.00         1         1.75.20 Gall bladder           AA0453867         1.17         1.15         6.73         2.00         0.00         2         251 Gall bladder           AA03387         1.17         1.15         6.73         2.00         0.00         1         1.55 Gall bladder           AA03387         1.17         1.15         6.73         2.00         0.00         1         251 Gall bladder           AA03388<	46.45519	W56790	16.68	3.21	5.19	8	0.00	6	327.05 Blood	Pancreas	Parathyroid
N1000         198.26         1.49         73.33         9.00         100         110         110.99         108.29         17.09         100         100         100         100         110         110.09         100         100         100         110         110.00         100 </td <td>4s.32989</td> <td>AA133215</td> <td>23.66</td> <td>3.52</td> <td>6.73</td> <td>8</td> <td>6.00</td> <td><b>~</b> !</td> <td>742.01 Omenium</td> <td>Prostate</td> <td>Cteres</td>	4s.32989	AA133215	23.66	3.52	6.73	8	6.00	<b>~</b> !	742.01 Omenium	Prostate	Cteres
NRS228         6.09         1,00         0.00         1,00         6.07         1,00         <	HS.184244	N71080	109.26	6.49	23.3	8	8,0	₽,	-10.96 PTOSIERS	Pool of	Calons
NAMESTATION         13.74         11.70         2.00         1.7         OUT ON TAX OF STATE OF S		N95228	60.0	8	6.06	8 6	00.0	۰ م	1/8.28 Inyrod	Pobled	Dool
VARSASA         1.09         0.53         1.2.09         1.00		LEDGAN.	43.76	4 11	0.1.7	8 8	8 6	٠:	83 8 Gell hladder		Placenta
Avoidable         0.00		WSSD41	80.7	n e	17.09 178	3 5	8 8	: <b>-</b>	185 th Drain		Pool
Aviosace 12.18.1 0.86 143.16 21.00 150 22 178.78 Esophagus Aviosace 12.18.1 0.86 143.16 21.00 6.00 144 251 Omentum Aviosace 12.18.1 0.86 143.16 21.00 6.00 144 251 Omentum Aviosace 13.84 16.73 2.00 0.00 144 251 Omentum Owary 11.77 11.55 6.89 16.00 100 0.00 0.00 0.00 0.00 0.00 0.00	18.22.37	YV00300	6.0	9 6	) u	8 8	8 5	۰ ،	63168		
AA102555 171.81 0.86 143.16 21.00 6.00 14 251 Omentum AA102555 171.81 0.86 143.16 21.00 6.00 14 251 Omentum AA023897 11.77 1.75 6.73 2.00 0.00 150 Omentum AA402885 1.83 0.00 2838856.0 15.00 1.00 0.00 0.00 0.00 0.00 0.00 0	_	AA46663	3 6	20.0	2 2	8 6	8	. 22	126.78 Esophagus	Adipose	Cervix
Add33987         11.77         1.75         6.73         2.00         0.00         Pool         Pool           NA454661         1144.2         9.94         14.74         3.00         1.00         0.00         Pool           NA454661         1146.2         9.94         14.74         3.00         1.00         0.00         Doard           NA5318         2.83         0.00         2.8556.6         15.00         0.00         2         631.79         Pool           AA465615         2.60         1.00         0.00         2         631.79         Pool         Omentum           R98546         3.11         5.26         1.00         0.00         2         631.79         Pool           AA405727         48.44         6.96         8.16         1.00         0.00         13         255.87         Pool           AA405727         1.24         1.01         0.00         1.0         1	Ha 624	AA 102526	121.81	68.0	143.16	21.00	8	<u> </u>	251 Omentum	Pancreas	
AA454661         146.42         9.94         14.74         3.00         1,00         Ovary           R83586         73.78         0.00         263.5855.60         15.00         1,00         0.00         20           AA483665         26.66         5.11         5.26         1,00         0.00         2         631.79         Domentum           R85524         7.3         10.0         0.00         2         631.79         Domentum           AA483665         2.6         1.00         0.00         2         631.79         Domentum           AA483665         2.6         5.10         0.00         13         265.37         Domentum           AA405677         4.8         4.6         6.6         6.15         1.00         0.00         1         265.37         Domentum           AA676970         4.8         4.6         6.0         0.00         1         26.57         Domentum           NB6531         7.0         6.0         0.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         0.00		AA033987	11.77	1.75	6.73	2 80	8.0			LID not found Other	d Other
N45318         26.36         0.00         2635656.0         15.00         1.00         Omenfum           AA485685         26.66         5.11         5.26         0.00         2         631.79         Pool           AA485685         26.66         5.11         5.26         1.00         0.00         13         265.37         Pool           WB9728         48.44         6.96         8.16         1.00         0.00         13         265.37         Pool           AA48522         53.23         2.75         19.38         15.00         5.00         3         5.26 G/NS         Laylux           AA48591         7.65.4         7.75         10.15         5.00         2         198.28 Synvial ment         Laylux           AA61860         56.2         2.20         5.00         2         198.28 Synvial ment         199.58         1.10         1.00         1.00         1.10	Hs 205070	AA454861	148.42	9.94	14.74	3,00	1,00		Ovary	Whole embryolung	yolung
R895SA         7376         10.55         6.99         200         0.00         2         631.79 Pool           A446S655         2.8 6         5.11         5.26         1.00         0.00         13         265.37 Pool           VW50720         4.8 6         8.11         5.26         1.00         0.00         13         265.37 Pool           AAG18970         4.84         6.06         8.00         0.00         13         265.37 Pool           AAG18970         4.82.4         77.51         10.15         5.00         0.00         12.55         CAR           AAG18977         4.72.7         11.52         5.44         0.00         2.13.27 Pointerfurant           AAG18168         5.67         4.41         6.00         1.00         0.00         9         4.11.27 Pointerfurant         4.00         2.13.27 Pointerfurant           AAG18168         5.67         1.0		N45318	26.36	0.00	2635856.60	15.00	9:		Omentum	CNS	Muscle
AA465865         2.6         5.11         5.26         1.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00	Hs 107815	R89584	73.78	10.55	6.93	200	0.0	(1)	631.79 Pool	LID not foun	d Other
WB0726         48 44         6.96         8.16         1.00         0.00         13         265.37 Pool           AAD426222         53.23         2.75         19.38         15.00         5.00         3         525.8 CMS           AAD42637         68.37         11.52         5.54         0.00         0.00         2         198.28 Synovial men           N98531         70.02         0.86         81.50         22.00         2.00         2         198.28 Synovial men           AAD48188         56.79         5.60         1.00         0.00         12         213.52 Pentiheral na           AAD58189         56.79         5.32         0.00         1.00         12         213.52 Pentiheral na           AAD58189         56.79         5.48         1.00         0.00         12         213.52 Pentiheral na           AAD58189         56.79         5.48         1.00         0.00         12         213.52 Pentiheral na           AAD58189         5.69         5.48         1.00         0.00         4         615.42 Synoviel men           W5270         10.77         1.86         5.48         1.00         0.00         4         615.42 Synoviel men           W5275         1	rts. 109703	AA485855	26 86	5.11	97.5	9.	80.		Blood	Lymph	Eurg Eurg
AAGRES22 53.23 2.75 19.38 15.00 5.00 3 52.58 CNS AAGRES97 (AS.24 77.51 10.15 5.00 2.00 2 198.28 GNS AAGRES97 (7.27 11.52 5.44 0.00 2.00 2 198.28 Synowlal mem N98591 70.02 0.86 81.50 22.00 5.00 7 99.55 . AAGRES9 56.79 5.36 10.59 3.00 0.00 12 213.52 Periphera-insin AAGRES96 6.37 1.00 6.32 0.00 1.00 12 213.52 Periphera-insin AAGRES96 8.37 1.00 8.32 0.00 1.00 12 213.52 Periphera-insin AAGRES97 10.72 1.86 5.48 1.00 0.00 4 615.42 Synowlal mem WYSS27 11.81 1.00 11.81 1.00 11.81 378.43 Ignore AAA37226 22.55 0.65 3.471 8.00 6.00 11 378.43 Ignore	Hs. 59329	W90726	48.44	6.95	8.16	<del>.</del> 8	0.0	2	265.37 Pool	Head	Lung
AADSTS970 188.54 77.51 10.15 5.00 0.00 Larynu. AADSTS970 188.54 77.51 10.15 5.00 0.00 198.25 Synovial mem N98531 70.02 0.88 61.50 5.00 7 99.55 - AADSTS55 6.32 10.59 0.00 12 213.52 Peripheral mem NS9270 10.72 1.86 5.48 10.00 0.00 12 213.52 Peripheral mem NS9270 10.72 1.86 5.48 10.00 0.00 12 213.52 Peripheral mem NS9270 10.72 1.86 5.48 10.0 0.00 1.00 6.01 6.13.53 Synovial mem NS9270 10.72 1.86 5.48 10.0 0.00 1.00 1.00 1.00 1.00 1.00 1.0		AA056232	53.23	2.75	19.38	15.00	200	62	52.58 CNS	Pool	Brain
AACHEGG7 67.27 11.52 5.64 0.00 2.00 2 198.28 AACHEGG8 26.22 6.16 0.100 0.00 9 411.01 AACHEGG8 56.79 1.05 0.00 1.00 0.00 12 213.52 AACHEGG8 56.72 6.32 1.00 6.32 0.00 1.00 1.2 WS270 10.72 1.98 5.48 1.00 0.00 1.0 1.0 WS270 11.81 1.00 11.81 1.00 1.00 1.00 1.0 AACHTZE6 22.65 0.65 34.71 8.00 6.00 11 312.86	m	AA676970	788.34	17.51	10.15	g 80	8	,	אוייושן	Head and n	oc Small intestine
N98551         70.02         0.86         81.50         22.00         5.00         7         99.58           AAAGAIR68         2.64.2         4.41         6.00         1.00         0.00         9         411.01           AAA098188         5.67         1.00         6.32         0.00         1.00         12         213.52           AAA5585         6.32         1.00         6.32         0.00         1.00         1.2         213.52           WSS270         11.81         1.00         11.81         1.00         1.00         4         615.42           WSS349         11.81         1.00         11.81         1.00         1.00         4         615.42           MSS270         11.81         1.00         11.81         1.00         1.00         51.28           AA437226         2.265         0.65         34.71         8.00         6.00         11         518.43	~	AA046067	67.27	11.52	ž	a 8	8	<b>~</b>	198.28 Synovial me	am Thyroid	Musce
Addition 26.42 4.41 6.00 1.00 0.00 9 411.01 Addition 26.70 5.36 10.69 1.00 1.00 12 213.52 Addition 10.72 1.96 5.48 1.00 1.00 4 615.42 Wyssys 11.81 1.00 11.81 2.00 1.00 1 61.23 Addition 22.65 0.65 34.71 8.00 6.00 11 91.88		N98591	70.02	0.86	81.50	22.00	8.6		99.58		Sone
AA086166 56.79 5.36 10.59 3.00 0.00 12 21.352 AA054565 6.32 1.00 6.32 0.00 1.00 4 615.42 W59270 10.72 136 5.48 1.00 0.00 4 615.42 R59225 157.87 15.76 10.01 2.00 0.00 9 19.56 AA437226 22.65 0.65 34.71 8.00 6.00 11 3784.8	Hs 182667	AA464168	29.62	4.4	9.00	8	8 3	ъ ;	411.01 Small Fresh	94	Head and hea
5	Hs.75160	AA099169	29	98.5	96.01	8 9	8 9	2	A STATE OF THE PROPERTY OF THE		Hoor
10.72 1.86 5.48 1.00 0.00 4 0.5.23 Thyloid 11.10 10.00 10 151.23 Thyloid 11.11 10.0 10.00 9 151.23 Thyloid 11.11 10.0 10.00 9 151.24 Thyloid 11.11 10.0 10.00 9 151.24 Thyloid 11.11 10.00 11.1 10.00		AA054585	6.32	90.	6.32	3 5	3.5	,		, con	Clerce Library for our
11.81 1.00 11.81 1.00 1.00 1 0.15.2 Inyliuu 1.15.87 15.78 10.01 2.00 0.00 9 19.86 15.88 15	Hs. 168132	N59270	10.72	1.86	5.48	9.	9 9	d (	513.42 Synowes me	States	יים אנו נפטור. יידודי
157.67 15.76 10.01 2.00 0.00 9 13.84 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 34.71 8.00 6.00 11 378.48 pnove (5 22.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0	4s.26719	W56349	11.81	8	11.81	0 :	8	- 1	51.23 Inyroid	Stomach	rym <b>bu</b>
22.65 0.65 34.71 8.00 6.00 11 5.78.48 1900-6	4s. 1946CO	R89225	157.87	15.78	10.01	200	8 9	<b>o</b> n ;	19.98	ć	1
		AA437226	22.65	900	7.7	80.00	9 9	<b>=</b> >	378.48 Ignore	Pancress	Aona
15,43 5.84 2.00 0.00 X	Hs 200337	W03024	8	15.43	28.4	8	800	×	20.0		

Pene 47 (of 118 napes of Table 3A)

Hs.63163	AA055178	8 3	÷ 6	19.24	8 8	3 6	•	246 C3 Calon	Toolie	1000
_	H57052	6.44	90.0	644216.60	8 5	0.00	n (	310.02 Spean	essus of o	2
· `	AA150507 .	6.65	8 8	520414.34	23.00	00.6	v	411.43 •	Digod found Other	d Other
	AA136283	15.24 15.24	3 4	10.51	8	3.00	Ξ	375.43		<u>!</u>
Hs.54434	N30372	24.74	0.0	247.40	00	00.9	^	591.02 Tonsil	Blood	Germ Cell
	W94911	5.9 18.0	0.15	47.07	8.	0.00		Heart	•	LID not found
	W60057	42.21	1.51	27.93	8	8	17	307.36 Esophagus		m Prostate
	AA676404	50.38	0,29	35.82	8.8	8 8	ın o	491.U/ Cervix	ביים שליים שליים	Cleas
	AA44/588	9 6	2 5	3.5	3 5	3 5	• ^	74.52 Parathyroid		Tonsi
	AA448271	2 5	3.57	10.18	8 2	8 0	•	Testis	LID not found (	d Other
	H97146	45.51	1.79	26.44	0	8	5	374.05 Smallintest	ineBone	Blood
	R77293	141.93	25.02	5.67	8.	0.0	12	430.39 Epididymis L	Liver	Stomach
	AA430698	58.14	5.16	11.27	8.00	8.0	7	527.66 Gall bladder	r Aorta	Pancreas
	AA029934	138.05	6.63	20.62	8.00	2.00	œ	592.38 Esophagus	Bone	CNS
	N95495	27.71	5.44	5.10	0.0	1.8	w)	510.65	Lymph	Pooled
	AA454582	7.23	9.	7.23	8.	3.8	×	289.73 Neural	Stomach	Adrenal gland
	AA438187	17.44	0.55	31.71	9.00	9.00				
	AA149287	11.54	9.	11.54	5.00	2.00	Ф	80.93 Uterus		Ę B J
	H80712	521.06	90'92	6.85	2.00	0.0	7	627.13 Germ Cell	Blood	Lymph
	AA443899	364.12	10.38	35.10	23.00	9	12	485,13 Head and n	ď	od Nose
	AM25224	155.84	17.67	8.81	2.00	0.00	'n	612.88 Ear	Umbitical cord Uterus	rd Uterus
	R16638	79.99	0.48	175.38	21.00	6.00	ç	471.4 Kidney		LID not found
	H18004	11.31	6.1	5.95	1.00	0.00	c	683,1 Ear		Liver
	AAA78298	90.72	1.16	78.47	7.00	4.00	5	411.43 Larynx	Head and nec Adipose	ec Adipose
	AA425769	60.71	4.0	6.43	5.00	0.00	÷ ;	120.56		
	R32439	41.83	6.0	5.22	8.6	0.00	£ ;	115.64 Pigcenta	. (	Pancreas
	R05603	20.83	2.7	c9.	8 8	8 6	<u> </u>	233.9 700180		•
	102433	46.32	- 6	3.5	8 8	8 6	2 σ	392 48 Lymph	Tonsi	Whole embryo
Hs.75361	AA700048	11.78	9.0	11.78	8	00.4	•			
	H16089	103.13	15.27	6.75	2.00	0.00	-	674.5 Pooled	Tonsil	Hear
	R42668	89.46	6.29	1.8	0.1	0.00	N	466.83 Adrenal gla	ind Eye	Foreskin
	AA416759	62.63	5.14	16.12	<b>9</b> .00	0.00	15	247,55 Neural Breast	Breast	Eye
	N26865	14.65	0.62	23.45	1.00	0.00	22	44.3 Foreskin	Testis	8
	H08720	5.72	÷.	8.8	00.1	0.00	-	576.82		
	H08196	8.28	0.28	28.34	2.00	0.00		CNS	Foreskin	Brain
	N59115	21.99	2.88	7.62	<b>2</b> .00	0.00		Whole embryoPool	nyoPool	Colon
	H18949	15.68	1.47	10.67	8.5	0.0	ø	201.27 Pooled	Foreskin	Brain
	AAGZBBB	602.66	20.00	45.9 40.4 40.4 40.4 40.4 40.4 40.4 40.4 40	3 8	8.8		Comort	Adime	Agreed forest
	AA442853	72.51	86.0	131.84	8.6	00.00	17	269.37 Testis	Whole emb	ryoBrain
	H09739	681	0.41	16.76	00.0	800		erouto	Lymph	Bran
	80108N	345.22	67.29	5.13	0.	000	5	75.99 Heart	Thymus Kidney	Kidney
	AA633747	5.31	9	5.31	1.00	3.00				
	AA425336	168.30	30.65	5.46	2.00	0.0		Prostate	Gern Cell	_
33	H09332	41.35	8. 7.	5.08	1.00	0.0	-	629.1 Foreskin	Brain	
4	AA187349	76.24	8	76.24	9.00	5.8 8	=	369.17 Larynx	Gall bladder	r Umbilical cord
3895	AA292074	54.84	8.40	8.57	5.00	8	Ξ	269.09 Larynx	Eye	•
8938	AA187148	6.56	0.1	.39.75	9.00	8.8	ð.	400.44 Skin	Umbilical	
191	H09730	36.35	2.88	12.61	9.	8	-	166.82	Gell bledder	r Head and neck
88	N71782	34.16	5.28	14.96	7.00	8.1	φ	117.5 Aorte	Foreskin	Foreskin Ovary
£	W80489	16.80	1.95	8.63	2.00	0.00	7	197.69 Aorta	Whole emb	nyoParathyroid
4380	H09747	7.96	0.7	70.0 <u>7</u>	3.00	8.0	ង	75.2		:
543	T62844	22.96	3.90	5.88	8	8	×	317,73 Pooled	Lug	Kidney
333	AAAJBEOA	2.0	8.78	14.07	8	٤				

Page 48 (of 118 pages of Table 3A)

	72																															g		!	2				9														
Stomach	Adrenal gland	Kidney	Heart	Brain	Bone	Prostate	8	2870	Foreskin		Cervix	Placenta	Other	Testis	Ovary	Pooled		Other	Kidney		Skin	O(he	Other		Foreskin	Thyroid	Foreskin		Other		Breast	LID not four	Breast	Eng.	Venoie embryo	. I	Foreskin		LID not found	Parathyroid	Germ Cell	Testis	Aorta	Testis	<b>Parathyroid</b>	Eye	Germ Cell	Bone		Brain	Foreskin	Cervix	
Adrenal gland	Blood Adrenal (	Germ Cell		Colon	Brain	Placenta	Prostate	Kidnev	Whole embryoforeskin		Lymph	Muscle	LtD not found	Liver	Prostate	Adrenal gland	Ear	LID not found	Muscle		I Cervix	LID not found	Brain LID not found	Uterus	Gall bladder	Ignore	Thymus		LID not found Other		Muscle	<u>8</u>	Parathyroid	Cecax	Los T	Testis	Pooled	Breast	Pool	Heart	Esophagus	Brain	Spleen	Kidney Testis	Smooth musc	Umbilical cord Eye	Lung	Cervix		SUNS	Pooled	Smooth musc Esophagus Cervix	CID not lound
49.53 Foreskin	118.42 Skin	Testis	Eye	97.77 Stomach	160.9 Foreskin	CNS	Parathyroid	Utens	484.94 Aprila	262.43	599.98 Gall bladder	297.54 Spleen	393.85 Cervix	Spleen	356.17 Pool	446.49 Placenta	138.53 CNS	- 726.88 Brain	509.85 Brain	G	365.06 Synovial mer	87.85 Brain	439.53 Brain	Pool	Skin	55.16 Esophagus	286.07	575.76	Pool		CNS	426.87 Foreskin	493,16 Cervix	88.85 CNS	17.65 Adrenal gland CNS	330 57 Luna	Adrenal glan	53.59 Lymph Breast	603.5 Eye	Spieen	Thymus	629.85 Ear	Ear	409.68 Eye	95.51 Lymph node	147.53 Pooled	387.71 Eye	101.44 Skin	511.41	351.05 Adrenal gland	71.55 Gall bladder Pooled	492.82 Smooth mus	501.47 Placenta
e	22			2	*			-	7	. ~	. 7	Ξ	2		×	72	×	-	đ		so.	ę	89			ŧ	15	2				12	so !	<u> </u>	<u>`</u> «	• <del>1</del> 2	:	17	9			-		£		7				×		₽,	
000	0.00	0.00	0.00	0.00	0.00	0.00	8 6	9 6	000	6.00	0.00	0.00	0.00	0.0	0.00	4.00	1.00	0.00	0.00	0.00	0.00	90.4	9.00	0.00	0.00	6.00	0.00	0.00	0.00	0.0	0.00	0.00	00.0	0.0	3 5	800	000	1.00	0.00	00.0	6.00	0.00	0.00	6.00	0,00	00.9	3.00	0.0	0.00	0.00	2.00	0.00	0.00
8	3.00	1.00	8.1	8.8	1.00	2.00	8 8	8 6	80 6	00	3.00	9	1.00	6.1	90.7	80.02	12.00	9.00	2 00	7.00	9.1	2.00	00.6	8.4	8	9.00	8	00.1	9.	8	3.00	8	8	99.5	9 6	8 8	3.8	0.00	1.00	1.00	10.00	1.00	2.00	22.00	9.1	6.00	90.7	2.00	2.00	3.00	17.8	2.00	2.8
5.78	7.90	16.57	5.91	7.66	9.97	7.46	9.10 7.0	17.5	6.48	141.38	5.73	5.53	9.37	8.03	8.00	34.99	8.58	21.51	897132.48	14.83	5.40	24.21	50.99	12.63	9.19	28.13	5.22	5.20	9.	5.08	9.29	6.03	6.19	9.27	14.21	2 3	13.32	5.39	8.12	6.28	44.28	6.95	5.22	48.09	8.41	10.46	27.36	7.11	9.76	6.92	87.36	5.83	10.09
25.51	2.36	0.70	3.48	1.78	9.41	1.86	1.87	1.82	10.93	0.92	13.44	5.71	1.01	0.76	2.20	2.24	5.57	1.42	00.0	2.67	31.71	8	1.00	2.02	4.75	0.55	23.11	10,14	1.58	3.06	9	3.67	2.85	97.	2 20 2	1.13	2.27	2.71	0.75	2.55	0.86	0.91	6.93	1.18	6.84	0.55	3.55	50.17	1.39	1.18	0.62	9.63	2.84
147.38	18.62	11.65	20.57	13.66	93.76	13.90	8.56 8.50	28.55	70.84	129.58	77.08	31.56	9.47	6.07	17.57	78.36	47.69	30.46	8.97	38.57	171.26	24.21	20.99	25.48	43 62	15.47	120.59	52.76	7.98	15.55	37.50	22.15	17.63	11.67	20.02	8.28	30.18	14.64	6.05	16.01	37.97	6.36	36.22	57.40	57.52	5.76	97.13	356.77	13.58	8.19	54.22	56.12	28.61
AA487899	AA400022	AA446025	N99049	R52526	N27118	147601	N90523	AA598945	AA432086	AA488432	AA190629	T49635	AA486281	T69593	AA130866	T48942	H11467	R44163	H16736	T56013	AA172048	R43535	R41994	AA131909	AA131760	AA454563	N71892	H99811	T96593	W93154	N62938	N35922	AA007634	86568N	N75569	N29328	AA043878	N94435	W87939	AA046321	AA454617	AA431435	AA134753	AA427719	W37375	AA011182	AA496283	W42587	H79979	N49853	N27179	AA453477	R26046
Hs.10920	H8.5790	Ha.96849	Ha. 116754	Hs.:72740	Hs.7471	Hs. 138805	Hs. 163831	Hs 177538	Ha.110708	Ha 56407	Hs. 101364	Hs.199322	Hs.129810	Hs.90758	Hs.103816	Hs.203492	Hs.91389	Hs.12457	Hs.91627	H9.77910	H <sub>3.8170</sub>	Hs. 107253	Hs.91678	Ha.14559	Hs.:84591	Ha.76294	Ha.102824	Ha.184863	Hs.189763	Hs.181916	Hs. 198711	Hg 132913	Hs. 184868	Hs.17301	H8.29206 He 103014	Hs 203488	Hs. 158709	Hs.25700	Hs.14715	HS.17401	Hs.25709	Hs.158244	Hs.183653	Hs.41585	Hs.74711	Hs.192516	Hs. 125359	H\$.73821	Hs.21187	Hs. 188897	Hs. 169988	H8.56542	H8.185568
88 840584		•					306146									9176 70500																																		30 282500			9342 132072
100	9	Ë	6	9	9	6	9150	5	. 4	5	5	ž	16	5	5	2	Ē	5	5	92	82	8	92	2	3	95	92	85	Š	Ğ	85	85	8	N C	3 8	2 6	ã	92	8	82	ě	g	8	g	83	83	g	8	63	8	8	S.	3 6

			9																																																					
Germ Cell	LID not found	Germ Cell	Synovial membrane	•	Pancreas	Placenta		Dreast		Brain	<b>P</b> 00	Foreskin	Small intestine	Breast	1 Ovary	Other	Germ Cell	Testis	Blood	Tonsil	Stomach	Lymoh	Parathymid	ID out found	Pool		Admin land	of und	Muscle	d Foreskin	Eye	Foreskin	CNS	Thyroid		Whole embryo	LID not found	d Other	Esophagus .	Breast	dHeart		Pancreas	د	Brain	Other	Synowel mem Umbitical cord	P 20	Other:	Heart	Small intestine	LID not found	Parathyroid	Blood		
P8	Heart	Cervix	Ear		Testis	Esophagus	Foreskin	E S		Hear	Srain	d Eye	Aorta		Adrenal gland Ovary			Prostate	Heart	Kichey	m Pancreas	Ovav	Prostate	Brain	Prostate	60	Stomach	Whole embry	sc Foreskin Muscle	Adrenal gland	Blood	Overy	yoBlood	Gall bladder	m Pooled	Color	Poof	LID not found Other	sc Nose	Prostate	Umbilical cord Heart		Muscle	Spiden.	Ноэп	_	٠, .	Kidney	LID not found	SS.	Larynx	Brain	Ignore	nd Ovary		
278.55 Pooled	Ovary	Eve	Omentum		347.46 Ad.pose	71.28 Larynx	118.93 Muscle	Neural	227.19	419.03 Tonsil	56.78 Uterus	467.75 Adrenal gland Eye	152.65 Thymus	Eye	278.45 Esophagus	Hoad	Stomach	36,64 Brain	47.55 Breast	224.18 Uterus	338.52 Synovial mem Pancreas	399.97 Pooled	Gall bladder	345 1 Neural	361.71 Liver Pros	255 41 Smooth mus	97 28 Admose	184.3	363,82 Smooth muse Foreskin	508.5 Aorta	241.92 Breast	266.03 Pooled	237.96 Whole embryoBlood CNS	410.66 Cervix	99.1 Synovial mem Pooled	Blood	274.36 Testis	504.31 Brain	117.99 Smooth musc Nose	572.03 Pooled	598,93 Foreskin	139.45	Omentom	333,24 Poreskin	89.67 Colon	87 E	549.63 Lymph rode	Spheen	Placenta	284.1 Foreskin	117.26 Ignore	417.79 Heart	426.46	397.57 Adrenal gland Ovary	;	594.44
2					17	~	Ci.	,	5	ო	-	63	-		4			=	ũ	N	ž	51		,	. 9	· 6	. 6	? eo	12	2	19	5	13	91	æ		×	S	g	s	æ	4	,	<b>.</b>	-		9			1.	ដ	=	<b>2</b>	7	•	7
000	900	000	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	6.00	0.00	5.00	0.00	0.00	3.00	5.00	000	000	000	00.9	200	00.5	8 8	8	8	5.00	0.0	0.0	2:00	2.00	6.00	0.00	0.00	5.00	000	000	8	8.6	8 5	00.0	0.00	0.0	0.0	8	8.9	8	9 0 0	8	8	8.6	0.00
2.00	8.	8	8	8.08	5.8	3.00	8.5	8	8	8	8	8.	8	6.00	9.00	2:00	5.00	3.00	9:	800	22.00	5.00	90	8	8 00	200	8	16.00	00.6	8	8 00	5.00	1.00	3.00	18.00	9.00	8.	700	<b>6</b>	8.	7.00	9	8 6	8 9	8 :	2.00	200	3.00	9:	8.9	6 8	11.00	8:	2.00	8.8	14.00
5.50	13.48	5.05	6.13	63.11	6.52	18.42	6.38	9 9	5.26	17.7	6.02	11.58	6.93	24.34	167.32	34.17	11.79	9.61	7.74	17.54	422.01	6.55	7.	58.3	115.62	37.31	32.81	27.81	42.80	28.64	63.31	8.69	5.47	17.24	75.17	171.84	7.05	7.10	5.52	12.75	10.87	5.63	17.78	15.19	6.93	13.75	. 5. 86 5.	7.49	7.20	11.40	6.94	23.18 81.18	5.01	7,	10.97	5040796.33
96.0	0.48	5.0	5.68	0.10	3.83	<del>1</del> .	76.93	8.4	53.31	6.39	7.98	بى ئ	23.80	0.54	0.10	0.13	8	0.56	5.5	8	3.80	11.59	5.87	9	8	2.95	335	9.37	95.0	13.36	0.55	3.76	1.57	1.00	9.	0.10	1.21	4.29	9.75	0.52	<b>4</b> .00	5.93	0.32	8	2.38	0.50	220, 14	4.28	5.1	80.8	<del>-</del>	0.25	2.50	8.9	0.55	0.00
5.26	6.18	25.74	<b>34.8</b>	6.31	24.08	19.03	414.27	80.5	280.66	49.32	48.04	24.70	164.87	13.20	16.58	3.16	11.79	5.37	42.85	2,5	1602.82	75.90	53.87	5.83	115.62	110.05	110 39	280.46	23.96	382.75	34.82	32.53	8.62	17.24	75.17	17.18	8.52	30.49 49.49	23. 26.	6.55	43.47	33.35	5.73	16.19	16.49	6.81	1294.93	91.83	7.90	103.59	30.59	7.32	37.56	21.58	6.03	50.41
N52482	AA022684	N23340	H80685	AA689826	AA448189	AA074511	N35260	N33030	N32281	W56753	AA157017	N28800	AA664009	H85557	AA485427	W89178	AA621535	R56055	AA056013	AA142943	AA455235	T54320	AA828370	H11936	T56281	AA664101	AA485371	H59231	AA663440	H19203	W96325	AA830354	AA428196	AA156571	AA676458	AA610068	AA400068	R52682	AA634028	H90431	AA057378	R44048	AA086476	15/241	AA055350	R55945	AA434088	T55547	T58804	AA166810	AA485934	H22824	W42508	H29596	AA168252	H29215
Ha.108479	Hs.137482	Hs.34348	Hs.142827	Hs.31121	Hs.103147	Hs.82109	Hs.53031	H8.132875	Hs. 172909	Ms.182585	Hs.34174	Hg.102479	Hs.75760	Hs.106369	H8.70327	Hs.94799	Hs.173103	Hs.12315	Hs.58882	Hs.103854	Hs.75746	Hs.19261	Hs 83853	Hs 152433	Hs 110440	Hs 76392	Ha 118110	Hs 2442	Hs.184697	Hs. 75454	Hs.95351	Hs.155402	Hs.74095	HS.75102	Hs. 83354	Hs.83176	Hs.98843	Hs. 14945	Hs.914	Hs.2551	Hs 32217	Hs 203924	H\$ 89570	H8.77558	HS.45743	Hs 25402	Hs.74267	Hs.9905	Hs. 10104	Ha 3447	Hs 9482	Hs.30581	Hs.3593	Hs. 153293	Hs. 173484	Hs.24550
9348 246239	9351 364613	9355 267188	9356 241432	9368 435330	0373 782787	9376 525926	9377 271926	9379 270327	9385 272658	9389 340642	9391 502561	9195 270786	9400 855395	9417 222025	9421 811046	9422 343700	9423 1034776	9424 40881	9425 377692	9426 504673	9427 814798	9431 69046	9438 745118	9439 47783	8441 78353	8443 855624	9445 811024	9449 204257	9450 853574	9453 50888	8454 361698	9459 854879	9462 773568	9467 568629	9469 552506		9471 742547	8472 41843	9478 868332	9463 241489	9485 472188	9487 33076	0401 562813	2492 /2884	8489 377252	9505 40728	9506 837904	9508 73526	9516 67167	9520 593840	9523 843291	9525 51581			9534 592818	

Page 50 (of 118 pages of Table 3A)

Page 51 (of 118 pages of Table 3A)

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dom's	Adinosa	LID not found	LID not found	28	Stomach	LID not found		Skin	Other	Whole embryo	Aorta	Kidney	CNS	. (	Cem Cel	Paratnyroid	Aupose	DRIGINGY Dail	10.00.00		Complete College	Control Con	15 per ferme	Liver	Foreskin	Stomech	LID not found	Thyroid	CNS	Parathyroid	Thyroid	Lymph	CNS	Breast	lleans cen	Kidnev	Parathyroid	Other	Uterus	cLiver	CNS		Umbilical cord	Pooled	LID not found	Ovary		Uterus	orma	Parathyroid	Slomach	oPancreas	Pooled	Placenta
				ŝ	all bladder	Lung	ar Stomach	oreskin	D not found	900	Adipose	Lymph	c Placente	8 6	Prostate	Fracenta	9804	Whole emproriency	Toetie		Tortie	S Newson			Testis	Uterus	Brain	Gall bledder	Pancreas	Eye			Lymph	Cierca	Placente	Germ Cell	Placenta	LID not found	rd Muscle	Head and nec Liver			Cervix	Stomach	Hear	Lymph			Whole embryolung	Thyroid	neBone	rd Whole embry	Brain	Gall bladder
191.65 Naural	18 88 Nose	111.94 Neural	228.95 Ovary	54.46 Breast	45.7 Lymph node	310.02 Brain L	27.1 Peripheral ne	118.38 Neural	341.87 Brain	726.84 Tons	301.26 Pooled	Gall tladder	Head and nec Placente	684.72 Liver	96.57 Piacenia	396,69 CNS	707.02 LIVER	436.48 Brain	SNO TELES	211 24 Sales	Adreral pland	TILL BOOK PART OF THE	160 S6 Eve	104.17 Pooled	104.88 CNS	308,23 Placenta	Stomach	Adipase	147.98 Whole embryo	636.65 Brain	153.69 Ignore	Thyrcid	335.53 Thyrcid	102.17 Eye	5616 Adinosa	386.09 Brain Germ Cell Kidr	577.1 Ear	98.68 Brain	21.28 Umbilical co	Marrow	528.75 Thymus	417.79	117.97 Blood	511.78 Nose	562.55 Tonsi	Aorta	675.88 Germ Cell	129.08 Smooth musc	226.05 Brain	Отвепри	484.14 Small intestineBone Stomach	101.02 Umblical co	43.64 Corvix	526.27 Esopragus
35	: =		· =	=	12	2	-	9	<b>5</b> 0 (	, n	ø			- :	2:	2 ;	= •	<b>.</b> .	:	:	7.	:	2 6	, <u>a</u>	2	2			13	(N	25		2,	o ;	: ‹	~	•	+	9	,	vo :	=	ο.	<b>.</b>	-		~	5	7		40	-	Ġ	7
9	3.00	0.00	0.00	0.00	2.00	1.00	0.00	0.00	2.00	6.00	9:00	000	8	0.0	0.5	00.4	9 6	0.00	8.5	8 6	9 6	8 6	9 6	5.00	000	0.0	5.00	0.00	0.0	0.00	2.00	0.00	9.0	9 6	8 8	8 8	0.00	9.00	1.00	9.7	0.00	0.00	3.00	0.00	8.00	00.00	0.00	6.9	<b>9</b> :00	0.00	0.00	6.00	8.0	0.00
18 00	8	8	8	1.00	14.00	2.00	9	2.00	2.00	9.00	2.00	9.00	8.00	00.00	0.00	9.6	9.00	9.6	9 5	9 6	8 5	8	9 9	3.00	9.00	9.1	2.00	1.00	1.00	9.00	7.00	2.00	0.0	8 5	5 6	2.00	6.0	10,00	2.00	7.00	0.1	2.00	3.00	5.00	9.00	9.	3.00	2.00	9.00	1.00	8.	10.00	2.00	9.0
36 73	818	5,53	5.49	5.23	6098881.34	5.58	19.99	78.	19.37	74.07	28.60	16.35	13.74	16.40	16.17	33.88	144.63	11.40	10.07 20.07 20.07	9	6 E	3 5	20.00	10.88	28.55	6.67	5.59	5.33	5.86	10.65	30,12	9.34	12.31	P (	8.51	8.23	203	40.63	11.03	92.12	8.39	6.73	9.86	11.87	42.38	7.30	7.83	9.78	60.71	7.42	7.56	163.02	10.07	7.08
90	68 9	1.40	19.4	4.83	0.00	96.0	1.02	6.95	0.27	0.27	0.55	8	4.70	8.6	127	8 6	7.6	0.7.0	B 5	3 5	. 4	2.43	100	1.00	133	1.21	00.1	9.66	2.21	0.83	3.20	2.97	3.57	7.0	37.76	121	13.11	0.15	10.45	0.13	14:	1.07	8 9	233	0.47	on On	102	0.65	0.41	8.91	1,41	0.05	2.62	6.42
36.73	51 25	80	25.28	25.79	60.89	5,45	20.29	54.53	2.5	19.92	14.63	16.35	64.51	16.40	96.74	33.00	£ 177	27.72	1 81 R1	2 2	20.05	177.01	27.22	10.68	37.92	8 0	5.59	46.16	12.95	8.81	96.22	27.74	£ 6	9.0	20.00	9.95	65.74	5.94 24	115.42	12.13	11.83	7.21	8.83 8.83	27.69	19.90	68.55	8.07	6.39	24.88	66.10	10.89	17.7	26.38	45.44
AA447978	AA419251	AA004812	AA457688	H17036	T69603	H16751	AA035455	AA401883	H08136	AA427891	AA633811	H29513	158652	AA677687	188721	AA023273	74401450	0.001110	N41021	740967	AAAAAA	00430540	WR2431	T69562	R85732	AA150402	H17800	H11042	N90783	H11006	R43701	N33955	W72816	AAC43996	NOUSE	R16195	AA488177	R55705	AA620556	W72263	AA425382	R43972	AA489329	H84780	W92263	AA429882	R38369	AA151574	R41730	AA169614	N29892	AA405571	AA186348	AA425320
He 197419	Hs 148380	Hs 80136	Hs 106963	Hs. 14896	Ha. 1279	Hs.7007	Hs.6679	Hs. 118721	Hg. 7023	Ha. 153937	Hs. 79334	Hs. 3757	H9.15285	Hs.99885	H8.29191	18.195924	242161.81	HS.222263	He 114408	U. 67080	Ha 98858	He 75617	He 51147	Hs.4188	Ha.97681	Hs. (19129	Hs.7154	Ha.3530	Hs. 189999	Hs.7164	Hs. 13493	Hs. 100980	Hs.172865	HS.6295.	Ms 73919	Hs 155553	Hs.6483	Hs.150968	Hs. 15250	Hs. 1 f081	Hs.6553	HS. 188547	Hs. 107905	Hs. 14574	Hs. 110180	Hs.111187	Hs. 66159	Hs. 109733	Hs.66187	Hs.198532	Hs.181042	Hs.43749	Hs.5038	Hs.6780
782730	755599	428292	810700	50581	83549									460470	109863	750550									198982	491692	50250	47096	303109	47362	32888	243882	34728	46/0/1	2646AD	62996	877838	40608	951126	345178	773157	33523	642933	238435	358980	780977	23588	503215	31818	610113	268234	772429	828555	773278
2770	78.	785	787	984	92.0	9789	980	9802	2096	9609	9	198	2812	88 14	196	2 2	7700	200	200	2 6	2 6	9	88	9851	9853	8854	9855	9859	9881	9863	9867	8877	8678	3 8	888	9887	988	9893	9895	988	9897	390	3902	9908	9910	991	9913	9319	9351	9356	9930	9942	9943	9943

 	6.29 0.71 8.89
•	12.61
1.48	1.48
	99
5.28	5.28
6.25	6.25
5.31	5.31
15.76	15.76
1.95	1.95
10.78	10.78
	2.13
2.41	2.41
1.16	1.16
0.98	0.98
9.93	9.93
14.89	14.89
16.32	16.32
6.77	6.77
0.76	0.76
1.17	1.17
	9.32 0.00
7.88	
	17.10

Page 53 (of 118 pages of Table 3A)

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. (	Pancress	Prostate	Неал	Whole embryo	Brain	Uterus	1	B000	S S	Muscle	Kidney	Small intestinosynovial men	Jmbilical cord Umbilical cord	E/BIN	Other	Stomach	Sec.	Adipose	ō.i.i.a			0011	, G	CNS	Pancreas	Brein	Foreskin	Pooled	LID not found	Gall bladder	Heart	Whole embry	Lib not found	Neural	Bone	egoue Legoue	Eye	Adinose	Spleen	reNoural	Eyo	Uver	Pooled	Parathyroid	/oUterus	Breast	Foreskin	Imbilical cord Esophagus	Testis	d Other	Other	Parathyroid	Testie	Foreskin
Foreskin	Kidney	Ovary	Eye	Aorta		Pancreas		OKED CANADA	Nose	Umbilical cord Muscle	Ovary	Small intestin	Umbilical cord	lestis Brain	בישל אסון	Ē.	Stomach	S C		10 00 00		9	, K	Foreskin	Dreast		Pooled	eLymph	Colon	Adrenal gland Esophagus	Kidney	Ear	Brain	Lymph node	Cervix Bone		2 5	Small intestine Facobacus	c Thymus	Small intestineNeural	Brain	Larynx	CNS	Cive.	Whole embryoUterus	Eye	Ēğ	Umbilical co	Muscle	LID not found	LID not found Other	Pancreas	Color	Brain
190.97 Poolec	Hear	320.06 Pooled		210.4 Heart	Ovar√	Smooth muse	6	39.25 Inymus		41.12 Neural	584.25 Bone marrow	Esophagus	410.24 Nose	150 P	543.36 Brain	499.76 Eye	ייי	Smooth must	2006						64.05 lanore	20.3 Skin	Liver	469.29 Small intestineLymph	Testis	Adrenal gland	484.07 Parethyroid	5.68 Stomach	613.3 Thyroid	350.62 Cervix	1.85 Thyroid	I.71 Aorea	Smodin muse civis	A 62 Smell intestin	27.61 Head and ne	5.27 Ignore	6.31 Breast	7.86 Ignare	6.23 Nose	8.85 Aorta	643.2 Spleen	438.11 Brain	368.23 CNS	Lymph node	242.65 Stomach	gun]	Brain	440.69 Spleen	Liver	337.43 Muscle
490	-	320		2			i	938	•	Ŧ ;	<b>2</b>		5	:	3	489	χ. :	449		620	000		808	288	2	×		46			48	20.	<u>.</u>	ŭ,	2	*		č	· 74	24	2	¥	'n	_	ف	€	99		24		:	4		33
ın	:	₽		-			•	<u>د</u>	;	٠,	~		=		7	<b>5</b> ;	œ 1	-		•	o		-		. 9	4		2			7	=	φ	×;	£ 5	2		20	16	5	19	2	15	CVI	7	œ	ur)		6		;	12		-
8.3	8	80.0	9.1	9.00	0.00	00.7	0.00	8 6	0.00	1.00	2.00	0.0	0.00	0.00	0.00	8	8	8	8.8	8 8	8 8	3 8	3 8	9 60	2.00	1.00	1.00	0.00	0.00 0	<b>0</b> .00	0.00	0.00	0.00	0.00	8 8	20.0	3.00	00.0	00.1	0.00	1.00	2.00	00:0	0.0	0:00	8.	0. 0.	8.	89	000	000	0.0	8	0.00
22.00	8	8	3.00	0.0	2.00	9.00	2.00	200	9.6	00.0	8.8	3.00	2.00	2.00	1.00	8	6.	90.8	8 9	8.6	8 8	8 6	3 8	8 5	2.00	30	2.8	8.	9.1	3.8	8.8	5.00	8	8.6	0 0	000	9.00	8.5	4.00	5.00	9.00	3.00	1.00	1.00	2.00	4.00	00.⁴	0.00	5.00	2.00	00.	8	0.00	1.00
73.85	9.90	13.77	22.71	6.21	11.58	14,44	4.4	15.76	5.32	8.18	15.24	7.85	10,84	20.32	5.39	8.26	8.69	18.71	5.74	c7.0	7.1	3 6	5 5	2 2	13.07	6.79	20.00	8.44	6.13	6.61	85.65	6.37	7.22	9.66	6.37	8 87	19.78	3.72 14 68	8.	22.44	7.67	28.55	90.97	6 48	15.16	555848.24	25.91	6.52	11.74	13.06	6.43	5.58	11.59	502827.81
2.56	0.63	1.00	7.95	2.20	6.84	1.33	10.63	1.97	4.93	1.23	1.88	47.35	37.21	8	17.17	8. 0.	8.27	5.84	6.38	<u>z</u> ;	53.23	, .	5 6	. 5	77.0	23.36	1.38	8	6.21	7.66	0.13	2.06	4.14	11.41	00.5	/619	2.93	2.5	3.69	2.77	5.48	4.60	0.08	13,18	0.58	0.00	1.19	304.88	0.50	0.51	1.01	11.08	5.81	0.0
169.40	6.21	13.77	180.45	13.67	79.24	19.17	57.80	31.01	28.22	50.03	28 <b>64</b>	371,56	403.22	20.32	92.61	66.87	71.89	108.24	38.61	20.9	352.68	6 6	2 2 2	F R0	80 01	158.89	19.24	8,44	38.08	50.63	11.18	13.09	29.89	98.73	5.37	548.67	57.93	18.65 29.65	53.69	62.10	42.00	131,35	7.23	85.41	8.8°	5.56	30.83	1966.54	5.83	8	9.48	61.86	67.41	5.03
W70343	AAD40387	AA485422	N32188	W72803	AA454689	W69211	N89861	N30428	N75572	AA113881	AA430576	AA404486	AA629567	AA443971	R43869	AA461325	AA421618	AA042990	AA630459	AA018320	H08243	2000	K46202	TETEO	1449053	AA870438	N26062	AAB76563	AA400282	AA576588	AA682819	H99257	H09769	AA629923	T71688	AA534008	T57803	NZ7741	AA485742	AA156461	AA468178	H07928	AA682386	W45148	T51630	H10079	AA678280	AA680244	R20641	<b>T64465</b>	R43458	R53428	T68897	H18920
Hs.102267	Hs.57822	Hs.71300	Hs.154089	Hs.57958	Hs.174170	Hs.54450	Hs.44162	Hs.75772	Hs.24821	Hs.78563	Hs.6654	Hs.79172	Hs.180414	Hs.142495	Hs.106300	Hs.8110	H3.119501	Hs. 171821	Hs 73987	HS 80851	Hs. 159825	TS. 12359	1000	10.40238	He 101813	H# 76118	Ha 12109	Hs 127610	Hs. 190093	Hs. 108809	Hs.26014	Hs.74420	Hs. 12432	Hs.75683	Hs.82506	Hs. 195851	Hs. 10283	HS.43347	Hs. 244	Hs.111126	Hs.7357	Hs.32500	Hs.77729	Hs. 75393	Hs.6385	Hs. 15361D	Hs. 155172	Hs. 179943	Hs.94970	Hs. 11684	Hs. 187473	Hs.160513	Hs.11910	Hs.26037
10154 345849		10159 811032	10162 272327	10165 345051	10167 809674	10168 343738	10169 305538	10170 271198	10172 289342	10177 531857	10178 770082	10179 772304	10182 884719	10183 757210	10186 33500	10167 796323	10190 739109	10193 486591	10194 854645	10195 363055	10199 46196	10200 40448	10205 152453	10206 300034	10214 178569	10217 ATABAS	10218 268946	10219 896962	10223 742635	10226 882484	10227 450464	10229 260336	10232 46360	10233 884673	10234 85313	10235 868304	10238 80843	10239 255754	10245 811145	10246 505491	10247 877638	10249 45376	10257 461759	10259 322914	10263 72526	10264 46949	10268 432042	10270 889450	10274 28507	10284 80476	10284 32483	10305 38821	10308 82236	10313 51391

Page 54 (of 118 pages of Table 3A)

Other	Tonsil	Brain	Ularus	LID not found	Parathyroid	Pool	Hear	Tonstil	LID not found		Germ Cell	Lung		Other	Неал	Blood	Placenta	Adipose	Placenta	l Other			LID not found	Other	Eye	Thymus	Germ Cell	Tonsil	Pancreas		Cervix	Parathyroid	Whole embryo		בופים:	CNOSe	Other	Whole embryo	Foreskin	Small intestine	Cvary	LID not found	Avnois smorks	. Overy	d Skin	Oiner		Breast	Cervia	Pracenta	Prostate		Pancreas	Lymph	Tonsis	Foreskin
LID not found	Prostate 1		Eye	Kidney	Breast	Kidney	8	Foreskin	SNS.	Aorts	CNS	Heart		LID not found	Stomach	oSpleen	Spleen	c Pooled	Ovary	LfD not found Other			90 00	LID not found	Pooled	Nose	Cervix	Blood	Placenta	LID not found	Nose		CNS		Oterus	Head and nec Nose	LID not found Other	Pancreas	rympa	d Omentum	Xerax Cerax	8 :	e ye	. מצום	Small intestmet/mbilical cord Skin	LID not tound	- lo	5 2	2 :		. Sary	LID not found	Esophagus	Blood	roUterus	Eye
245.98 Eye	Brain	307.17 Spleen	711.31 CNS	Testis	Eye	Lymph	569.13 Pooled	Testis	100.33 Prostate	611.65 Uterus	395.81 Pooled	17.69 CNS		32.6 Pool	324.87 Thyroid	487.66 Whole embryoSpleen	373.63 Ulerus	Smooth mus	147.38 CNS (	Pool		136.53	Uterus	232.44 Pool	22.79 Blood	199.9 Aorta		Thyroid	Pooled	Pool	Aorta	619.12 Gall bladder	152.56 Bone		-8.01 Bone	Esophagus	451.51 Placenta	277.22 CNS	484.48 Cervix	1.92 Umbilical cord Omentum	501.65 Breast	153.38 Lung	00019	466.33 Marrow	80.62 Small intesta	467.5 Pool	53.7 507 47 5000 thursin	397.17 Paramyroid	3/3,41 Inyroid	150.94   9606 Adiograp	Pendine ut t.	147.72 Pool		83.47 Thymus	Whole embryouterus	674.22 Thymus
5		17	-				w		•	-	o,	22		81	9	•	Ξ		2			×		=	92	4	90					7	2	,	م		4	<b>;</b>	2	<b>±</b> .	<b>*</b> ;	=	,	·> ;	× ·	<b>→</b> {	77 •	- 3	Ξ <	ø	;	t .	rs (	w		-
6.00	00.1	1.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.0	0.00	1,00	00.1	0.00	2.00	0.00	2.00	0.00	0.00	3.00	1.00	1.00	0.00	0.00	9.7	9.00	3.00	0.00	0.00	4.00	0.00	0.00	0.00	0.0	0.00	4.00	0.00	0.0	0.00	0.00	2:00	D 6	0.00	3 ;	3.00	0 6	D 00.0	3 5	0.0	3 6		0.00	0.00	0.00	5.00	3,00
9	2.00	8.	87	8	8:	8.4	8	2.00	5.00	8	8	8	8	9.00	0.00	2.00	9.1	1.00	1.00	7.00	3.00	5.8	9:	1.00	6.00	9.7	9.1	2.00	2.00	7.00	1.00	8.	8.	8.	2.00	9.9	2.00	3.00	9.00	6.00	0.00	9 5	00.1	37	6.00	2.00	3.65	5.6	3 5	3 5	3.5	9.5	2 8	8.5	3.00	2.00
66.39	14.78	8.54	6.31	46.31	6.83	158.31	14.45	5.86	10.57	9.00	6.14	6.31	10,12	25.08	9.37	8.04	8.73	7.76	5.72	42.71	23.91	7.38	6.77	73.19	45.26	146.29	6.75	10.87	5.83	119.59	8.05	6.69	6.92	6.42	14.34 A	11.11	6.57	12.93	8.89	9.03	17.49	8 8	57.5	13.18	13.69	8.24	107.63	70.5	18.51	6655/2.58	2.5	2.30	6.29	6.69	1.21	12.71
0.40	1.7	1.07	3.28	0.12	2.30	0.22	2.27	2.08	6.40	2.63	2.30	.5	0.57	1.13	1.00	68.9	0.95	1.49	1.97	1.00	3.09	4.83	1.86	60.0	91.0	90.0	3.21	10.79	2.85	0.26	12.39	1.18	16.77	8.6	2.42	21.38	9.00	0.69	6.63	9.94	1.00	3.59	3.93	2.5	12.45	2.4	0.0	1.5	3.5	3 5	20.1	1.46	22.2	30.6	8	<u>8</u> .
32.82	25.35	8.13	20.68	5.67	15.72	<b>24.73</b>	32.74	12.18	67.72	15.78	14.10	g,	5.72	28.28	9.37	42.21	8.28	11.58	11.28	42.71	73.91	35.58	11.25	6.58	7.08	6.43	21.64	117.38	17.20	31.54	98.76	8.12	116.00	æ. €.	34.65	237.64	59.11	<b>3</b>	60.74	89.79	17.49	21.66	20.79	383.36	170.48	7.5	10.76	7.5	13.91	3 <del>1</del>	01.11 04.44	10.62	142.88	60.45	7.27	19.78
AA489813	H11063	H11476	AA058608	AA421265	H17020	R06748	W86002	AA459936	N59249	AA150422	N49589	AA026157	R06918	W89128	AA026388	N47113	AA101632	AA150896	AA455511	R07142	R89104	N62077	AA146969	W91880	H77729	AA485377	AA408020	AA038512	AA431753	R53935	AA455476	R93162	N59150	AA700876	AA156247	AA157813	R63920	H24008	A4419177	AAA30382	AA484983	N93247	FRLSRA	N62924	AA669758	W90760	VV/3/80	AA133778	Wordout	AA464691	AMEGEORS.	N54540	AA629687	AA029415	AA136612	AA156674
Hs. 197008	H8.26041	Ha. 3 1075	Hs.177534	Hs.98338	Hs.111373	H <sub>3.84507</sub>	Hs.33944	Hs. 37883	Hs. 51233	Hs. 184224	Hs. 181530	Hs.46353	Hs. 190339	Hs.19872	Hs.34244	Hs.46677	Ha.22971	Hs.23012	Hs. 106131	H <sub>3.206507</sub>	Hs.200348	Ha.91389	Hs.188521	Hs.20039	Hs. 199098	Ha.25647	Hs.833	Hs.202968	Hs.107058	Hs. 172789	Hs.66881	Hs. 154248	Ha. 1513	Hs.572	H8.67607	Ha.2867	Hs. 140980	H3.197172	Ha. 184601	Hs.75514	HS.67778	Hs.100265	M8.1508	M8.107.27	Ha. 173205	Ha. 125051	HS.170116	HS.95734	H8.7499	18.797	H8.1/0010	Hs. 161545	Ha.155398	H1.93688	Hs.95793	Hs.184567
10323 839579	10337 47418	10341 47781	10350 509569	10358 731021	10385 50875	10370 126513	10371 416128	10375 795685	10384 289530	10386 491415	10388 277740	10392 366663	10394 126681	10402 417318	10411 366436	10412 280375	10414 490484	10422 505064	10423 809733	10425 126763	10427 195801	10440 289888	10450 505508	10458 415231	10467 234623	10468 811015	10472 742132	10474 376462	10475 782478	10478 39920	10477 809714	10479 275642	10480 287687	10484 452374	10485 505385	10488 588915	10491 139685	10482 61373	10496 755578	10500 769890	10501 810089	10502 308746	10504 415899	10507 278687	10508 884301	10511 418328	10512 344134	10514 503541	091026 C1601	10516 731648	10017 810250	10519 244931	10532 884438		10538 490925	10541 502325

Page 55 (of 118 pages of Table 3A)

Spleen		District of C				Gem Cel			Cell Bone		Actrenal gland Placenta	157.98 Lymph node. Umbilical cord Head and neck	Spleen		, Lung	Parathyroid	orano d		Testis	_	69	_		Aorta Bone	2		Gorm Cell			in cent	_		<b>.</b>	rita Tonsil	Paol		found		Cympu Cempu		LID not found Other	_	nts Tonsil			Parathyroid Spleen		Lymph node Neural
Cervix Clerus	200 000		ě	Booled Colean		46.48 Thymus Pooled			Umbilical cord Germ Cell	Synovist mem Aorta	CNS Adren	Lymph node Umbli	Umbilical cord Eye	Ignore Omentum	323.97 Brain Kidney	and	312.2 Adiages   Pool	247.37 Germ Cell Testic	-	CNS Brain	340.3 Lymph Thymus	vial mem	Pool Testis	559.73 Umblical cord-Aorta Brain 110 oc		zdder	592.98 Adrenal gland Brain	gland	3	Paramyrold Dram Brain Forestin	Stomach	CNS	Neural	Fooled Placenta Stomach Pengreas	Uterus			Muscia lestis	Adinosa	Cervix		Smooth musc	Testis Placenta	pixeoid	Þ	Liver Paratt		
113.18 Cervix	_	274 67 T 64 TC	AC 804	250.4	137 S Cervix	46.48	52.38 Brain	591.55	_		57.07	157.98	_	_	323.97	43.12	25.56	2.67.37	208.08	141.36 CNS	340.3	165.67	25 000	67.673			592.98	471.33	501.67 Neural	194 OG Bosin	!	158.33	340.31		32.28	484.07		148.48	142.55			669.63	Testis		583.44	283.48 Liver		382.99 Ignore
Ø		9		• =	. ~	-	e	V)			=	0			~ 3	₹ 6	? <del>.</del>	- 7	: Φ	^	-	80	•	-			-	7	•	2	;	₽ !	=		5	8		Œ	^	•		4	\$	?	4	G	(	æ
9.00	8	\$ 5	8 5	8 8	000	0.00	1.00	0.00	8.0	2.00	0.0	8.	8.	7.8	8 8	8 8	3 5	800	8.9	0.00	0.00	2.00	8.8	8.5	8.8	80	9.3	8 6	8 8	88	0.00	0.00	8 9	8 8	8.0	0.0	88	8 6	8 8	8	8.0	8	8 8	8	9	2.00	88	3
2.0	1.00	9 6	8 6	8 8	9	8	3.00	8	1.00	5.00	8.	9.6	0 0 0	4. 8	8 8	9 6	3 5	200	21.00	3.00	200	11,00	5 50	8.5	8.00	4.00	23.00	8 8	8 8	8 8	8	8 8	2 .	3 8	50	9.0	8 5	3 2	8 8	9.00	1.0	9.	8 8	8 8	000	8	8.6	3
15.99	13.62	9 40	8 17	8	9.02	11.58	6.74	7.51	14.79	15.01	7.38	194.98	6.93	27.43	16.72	9.60 69.51	9.45	6.91	131.91	5.98	50.40	25.33	599830.40	06.48 6.44	294.79	14.59	87.46	119.80	1743670.50	39.07	15.02	7.01	1154935.46	7.73	5.83	20.41	1.29	E. 12	4	12.55	6.49	9.34	6.73 6.73	7.21	7.18	22.22	3.85	2
1.00	3.36	1 51	27.68	9	15.32	1.05	1.62	<u>-</u>	1.30	0.48	2.07	9.	7.62	1.82	0.40	87.7		9.73	2.38	0.89	0.52	1.00	9 6	8 6	0.25	0.43	2.88	0.0	9 6	3 2	1.92	<del>2</del> ;	8 8	2.80	14.17	0.27	9. 6	11.42	3.71	2.24	2.25	0.88	. 53. 54. 63	8	1.66	2.61	98.9	, A.
15.99	45 69	A 17	276.18	9.50	138.10	12.10	10.93	7.81	19.22	16.9	15.28	194.98	52 74	49 89	6.76	35.30	26.85	67.37	313.92	5.33	28.42	8	6.00	5.44	8.7	<b>6</b> .34	251.57	1198	1 5	24.83	28 84	7.74	11.55	21.63	62.53	5.46	7.25	57.55	24.24	28.16	14.62	6.23	16.02	1.21	11.85	59.05	8 : 2 :	21.16
AA001376	AA464688	4459401	AADAA390	AA005140	AA628909	AA071488	H18645	H09818	AA629262	AA481481	H08099	AA485362	AA669136	H39813	HUBSBZ			_	_	•	AA668821		AA678335		H23229	_	AA007419	AA419229	246010	R37108	_		H72030		_	H23277	W79920	H95969	•	_	T55871	AA460975	AA469950 AA064948	AA488062	AA142922	T81343	AA416876	AA4653188
Ho.173767	Ha 95835	He 19846	Hs 77837	Hs 106671	Hs.75280	Hs. 180655	Hs.22509	Hs. 172551	Hs. 77597	Hs. 150540	Hs.5378	Hs. 76686	Hs. 75356	Hs. 77490	HS.4302	16.22.01	He 183389	Hs. 19414	Hs.102484	Hs. 135177	HS. 154138	Hs.7306	Hs 118410	HS 4840	Hs 106730	Hs. 1870	Hs.4758	Hs.85339	LIS. 22003	Hs.20528	Ms.7859	Hs 170808	Hs 201645	Hs 22629	Hs 101169	Hs 26014	Hs 58561	Hs 182885	Hs 169836	Hs 131279	Hs 161610	Hs 7122	HS 21323	Hs 7149	Hs.9817	Hs 71966	Hs.5169	US 8072
	0546 810218		552 ARRA3R	558 429060	562 884655	0565 531319	568 51254	0571 46896	0573 744047	574 756629	0575 46173	578 810999	585 854581	0586 263014	567 45577	0504 27503	595 52128	0596 50900	0602 256907	503 46266	0606 854338	0607 82225	513 430968	819 22359	10520 51991	529 461727	10633 429349	637 755612	0040 33/15	0644 25838	0647 51921	850 33643	553 214985	10656 32989	860 34468	661 52338	0562 346917	0872 250699	0673 730677	10674 842760	679 77730	0631 796148	UDSZ /3035Z ORAZ 420147	0889 840683	0691 505225	0697 78041	0698 730018	9/998/ (7/2)

Page 56 (of 118 pages of Table 3A)

						Table 3A	⋖					
10/09 29951/	HS.19261	N71095	36.03	7.03	5.12	9.4	0.00	60	399.97 Pooted	pajoc	Ovary	Lymph
10716 950429	Hs.26549	AA599085	19.84	3.60	5.51	9.	0.00	12	188 25 CNS	Ş	Adrenal gland Testis	Testis
10720 51783	Hs.173436	H23434	7.09	55.0	12.89	9.00	6.00	19	18.31 Es	18.31 Esophagus	Adrenal gland Foreskin	Foreskin
10723 321510	Hs.180879	W32523	12.62	8.	12.62	5.00	6.00	-	686 55 Sr	586 55 Smooth muse	Adrenal gland Lymph	Lymph
10724 51608	Hs.101748	H19429	7.51	0.56	13.50	2.00	0.0		ă	Brain	LID not found Other	Other
10725 742837	Hs.9786	AA406125	31.92	5.71	5.59	9.1	2.00	×	350.62 Ignore	nore	Neural	Breast
10727 742842	Hs.11169	AA400258	21.83	0.55	38.24	9.00	6.00	-	32.73		Gall bladder	Stomach
10728 897301	Hs.12482	AA485288	112.10	18.87	a so	200	0.0	Ž.	83.17 Pe	Peripheral ner Nose	Nose	Thyroid
10730 795864	Hs.11214B	AA460138	5.70	1.02	8	9.	8.0		•	:		
10733 841666	Hs.5566	AA467561	96.70	3.07	31.53	10.00	8		σ̈́ i	Gall bladder	Spleen	
10734 128506	Hs.118928	R10154	8 5	8	10.29	8 8	8 8	;	ι	ş	S C	Adrenal gland
10737 773639	Hs 7357	AA431887	8 9	9.0	91.77	3 6	8 8	Ā a	707.0	262.6 FIESO AND RECUEIVIX	Cervix	NAUSCIE
10/38 611156	HS 48688	TA4010	9 50	72.20	# 60 60 60 60 60 60 60 60 60 60 60 60 60 6	9.6	8 8	Þ	200			
	Hs 190265	AA496878	68.44	12.01	5.70	202	8	17	307.17 La	Layer	Synovial mem Heart	Heart
10754 342551	Hs.15299	W68585	10.68	1.00	10.66	1.00	2.00		ö	CNS	Pooled	Foreskin
10756 257098	Hs.157078	N30782	81.64	15.83	6.16	1.00	0.00		F	Thyroid	Breast	Testis
10763 417976	Hs.5011	W90660	10.83	0.76	14.40	2.00	8.0	22	109.9 Spleen	pleen	CNS	Неал
10771 284263	Hs.26133	N52186	5.71	1.00	5.71	0.00	2.00	က	135.48 CNS	S	Brain	LID not found
10778 428652	Hs.184397	AA004321	34.20	5.63	6.08	1.00	8.0		ă	- P80	LID not found	Other
10803 308539	Hs 101084	N95621	10.71	1.19	8.03	1.00	8	7	117.45 To	117,45 Tonsil Colon	Colon	Lymph
10807 415088	Hs 195948	W93121	÷.	60.	5.63	8	0 9	Ē :	208 56 50	medintestin :	eAdipose	
10808 271471	Hs 44055	N35025	114.02	19.02	6.00	5.00	000	<b>9</b> 9	112.49 FC	Foreskin	LID not found	
10823 279152	Hs 64056	N48831	37.14	5.59	9.10	2.00	8.0	<del>5</del>	24 60 77	Pooled	Prostate	CNS
	Hs.160032	AA148524	111.89	6.54	17.12	12.00	8 8		Ē	Hear	Ciers	200
	Hs.42397	AA151210	78.01	5 5	27.5	3.5	8 8	r	7	Stomeon	Clerks Teatis	Tonei
10040 745036	13.11010/	W72602	42.67	7.13	\$ \$	9 6	8 8	•		Head	Pool	(ID not found
10040 343030	He 104785	R34224	0.7 6	000	969607.71	20.7	8		ā	Placenta	Uterus	Testis
	Hs.61152	W31725	34.52	5.62	5.61	8	0.00	-	293.99 E	Esophagus	Whole embryoBone	Bone
10868 258263	Hs. 82213	N26407	111.35	14.96	7.44	700	0.0	<b>9</b>	52.04 Pool	8	LID not found Other	Other
10888 241948	Hs.41820	H93050	15.74	2.81	5.59	2.00	0.00	<del>2</del>	135.17			
10672 676836	Hs.2265	AA670429	98.69	2.23	40.41	10.00	8.8	50	63.64 A	63.64 Adrenal gland Brain	Brain	Whole embryo
10873 305920	Hs.54619	N90419	80.08	3.58	5.80	1.00	8		Δ.	Parathyroid	LID not found Other	Other
	Hs. 118258	N52554	257,18	43.78	5.87	8	9.0	۲.	481.98 P	Parathyroid	S .	Prostate
	Hs. 154679	AA683073	15.84	0.28	60.74	90	8	2	350.09 C	CNS	Brain	Pooled
	Hs. 186322	R66541	12.17	10.09	7.15	88	8 8	₽,	347.88		100	77
10689 307687	H3.24500	N92924	5.32	9 9	2.2	3 5	8 8	o +	609 94 Prol	en luci	Lib not found	Cher
	Us 10736	64167288	42.54	8 49	7.86	8 8	8 6	. 9	237.24 A	237.24 Adverse cland Pooled	Pooled	Pancreas
	Hs 17969	NS7577	83.84	15.38	. e.	8	000	!	. <u></u>	ymph node	Smooth musc	
10906 324494	Ha.78846	W51795	5.84	0,10	56.44	9	9.00	Ξ	373.41 M	Muscla		
	Hs.18851	N25240	28.20	2.70	10.44	5.00	00.00	-	554.22 S	Skin	Foreskin	Germ Cell
10910 309826	Hs. 78672	N94616	85.70	8.	85.70	8.00	5.00	ø	468.75 B	Воле тапом		Umblical cord
	Hs. 7655	AA405748	23.78	90.0	401.42	9.8	9.0		Fi	ousil	Eye :	Breast
	Ha.54811	N08336	12.53	2.5	- E - E	8.8	8 8	·	Thyra	Thyroid	Parathyroid	Lymph
	Hs. 169300	N45138	18.75	2.48	75.7	8.5	9 6	- 5	705.24 C	NS mail integral	CNS POOIBO	FORESKIN Exit
	Hs 431	W80705	23.64	g (	9 6	3 5	9 6	2 •	120.92 S	Small mestil	E er er er inyrold	Lyb
10970 25005	57 11 1 SH	Medan	24.03	2.60	6.00 F. F. 7	3 5	36	) <u>(</u>	460.26 H	Head	9 6	LID not found
	Hs 108795	H97215	8.82	0 72	11.90	90.5	000	:		Foreskin	LID not found	
	Ha 91954	AA056225	6.67	0.58	11.40	7.00	9.4	91	330.57 K	Kldney	Cient	Foreskin
	Hs 4888	AA530734	79.85	15.53	5.15	1.00	0.00	-	338.75 0	Omentom	Cervix	Synovial membrane
	Hs.54946	N93438	21.53	1 85	11.61	6.	00 <b>0</b>		80	Blood	Lymph	Testis
	Hs. 148101	H73234	41.92	<b>4</b> .08	10.29	3.00	1.00	23	114.82 B	Breast	Bone	Liver
	Hs. 183037	N25969	215.38	13.33	16.15	9.9	0.00	נו	452.42 N	Neural	Ear	Head and neck
10944 174627	Hs. 75426	H27884	12.53	5.38	5.31	2.00	0.00	N	697.89 A	697.89 Adrenal gland Thyroid	Thyroad	Grain

Page 57 (of 118 pages of Table 3A)

						Table 3A	ď				
0945 415554	Hs. 198477	W80637	22.08	2.72	8.12	2.00	0.00		Placenta	Testis	
	Hs.75578	AA427561	73.04 20.05	2.04	35.74	5.00	5.00	-	73.65 Smooth musc Skin	c Skin	Stomach
	Hs. 82237	AA055486	5.04	96.0	97.5	1.00	00.0	=	387.92 Larynx	Head and nec Esophagus	Esophagus
	Hs. 188439	T58543	5.89	1.12	5.25	9.1	0.0		Ovary	UD not found Other	Other
	Hs. 50282	N73489	32.35	5.82	5.56	2.00	00.0		Eye	Tonsil	Breast
	H8.182072		5.44	0.68	9.42	1.00	0.00				
	Hs. 80213	_	17.31	0.75	23.04	3.00	0.00		•	!	
10966 278483	Hs. 180433	_	69.55	13.69	5.08	1.00	0.00	<b>8</b> 2	15.13 Skin	CNS	Prostate
179753	Hs.21899	H51548	7.18	0.1	66.28	8.80	6.00	×	140.36 Blood	Live	Prostate
10971 841179	Hs.75584	AA487064	41.05	2.31	17.81	5.00	2.00	-	49.6 Adrence gland Thyrold	d Thyrold	Stomach
10973 362279	Ha.334	AA001222	9.0	1.22	7.35	3.80	0.00		Eye	Coto .	Uterus
10979 897950	He.195409	AA598814	13.23	1.63	8.13	4.00	0.00		Neural	Esophagus	Pancreas
10985 384088	Hs. 5333	AA702544	13.11	1.57	8.33	8	0.00				
10987 625170	Hs.5119	AA504160	26.68	0.89	26.94	3.00	0.00 0.00	6	410.63		
10991 51716	Ha.27453	H24206	9.41	0.1 1.0	87.78	2.00	0.00		Brain	Lug Bull	8
10993 296123	Hs.76415	-	7.74	0.72	10.81	8.	0.00	e	164.42 Liver	Pooled	Muscle
10995 384078	H <sub>3</sub> .106876	_	37,15	4.00	9.30	1.00	0.00			,	:
10997 586685	Ha.5302	•	7.70	0.69	11.18	9.	0.0		Small intestineColon	neColon	Gall bladder
11002 429234	Hs 171957		16.09	3.00	5.36	8	0.0	w	39.83 Synovial mem Cervix	# Cervix	Tonsi
11003 266312	H8.84999	N26536	28.20	5.51	5.12	1.00	0.00		Synovial mem Foreskin	m Fareskin	Uterus
11015 781007	HS.76064	AA446013	150.33	9.	150.33	4.00	2.00	F	39.9	Umbilical cor	Umbilical cord Bone marrow
11017 280897	Hs. 108864	_	7.45	9.1	7.45	1.00	1.00	₽ ₽	185.79 CNS	Nose	Foreskin
11023 40139	Hs.203563	_	162.29	17.98	9.03	2.00	0.0	∞	247 Brain	LID not found	1 Other
	Hs.73851	-	199.05	30.02	5.63	1.00	0.00			Thyroid	Heart
11028 79448	Hs.10669	T59948	17.92	1.00	17.92	2.00	1.00		Nose	Foreskin	Bone
	H\$.418	AA405569	45.05	2.76	16.29	10.00	8.8		Slomach		Whole embryo
11030 203003	Hs. 9235	H54417	104.55	18.02	5.80	2.00	0.00	16	21.87 Larynx	Esophagus	Gall bladder
	Hs.6580	R42813	(77.53	34.81	5.6	1.00	0.00	ø	416.74 Cenix	Eye	Brein
	Hs. 89399	AA455126	364.69	58.88	6.19	00.1	8	2 :	229.26 Thymus	Skin	Larynx
	Hs. 13358		7.83	0.39	19.88	9.7	8 6	₽:	92.9 Brain	LIC not found	
11048 608980	HS.184544	•	1/2.52	32.57	27.0	8.6	8.5	=	SV. 28 Adienal grand CNS	CN3	Other Contract
11050 811000	Ms. 79339	•	2 3	4.4	14.69	90.5	8.8		Head and her Ovary	at Cvaly	Autenda grand
11054 1056214	MS. 116530	_	P 4	8 8	G. 7.	3 6	3 8	,	March To ce.	16 00 00 00 00 00 00 00 00 00 00 00 00 00	
1057 47080	81.65.6H	_	2 2	7 5	7.6	8 6	8 5	<b>,</b> (	136 63 Domiture		2012
1056 86918/	HS.8136	7/08/07	2.0	0 ¥	9,49	8 6	3 8	N C	151.38 Brain		Sign of the state
11060 25029	H\$.203663		\$ 50.5 \$	2.0	0 2	8 6	8 8		Testis	11D not found Other	a diber
1074 755581	He 202884		89 90	14 02	14.6	200	000	7	52.28		
1085 50562	Hs.31446	. –	17.67	0.97	16.13	8	800		Gall bladder Thyroid	Thyroid	Parathyroid
1090 611075	Hs. 67397	AA173290	9.02	0.87	10.40	8	00.0	~	117.45 Testis	LID not found Other	d Other
1091 796767	Hs,26799	_	11.45	80	1145385.04	2.00	1.00	8	207.6 Umbilical cord Whole embryoCNS	ird Whole embr	yoCNS
11098 897924	Hs.5472	•	18.75	3.57	5.25	8.	0.00	×	282.2 CNS	Pancreas	Bone
11097 40384	Hs.26244	_	11.48	0.07	175.64	2.00	0.0	-	711.38 Breast	Long	Germ Cell
11100 85800	Hs.18910		13.56	1.48	9.14	1.00	0.00	Ξ	205.99 Liver	Gall bladder	
11101 50786	H\$.203399	_	9.6	<b>3</b>	7.35	2.00	0.00	vo.	-4.6 Brain		d Other
11102 80484	Ha.0003	-	131.17	9.71	13.51	8.	3.00		Parathyroid	Thyroid	Prostato
11104 562067	HB.173138	AA211446	34.41	5.91	5.82	8.	0.00	2	242.42 Adrenal gland Lymph	nd Lymph	Parathyroid
11112 505224	Hs.5558	_	10.29	1,41	7.30	1.00	0.00		Blood		Parathyroid
11113 50484	Hs.28322	_	8.58	1.00	8.58	000	8.	6	284.54 Gall bladder	-	d CNS
11114 302632	Hs.155586	_	5.04	1.00	5.04 20.04	1.0	3.00	5	45.2 Ignore	Pooled	Pancreas
11122 526945	Hs.109993	•	12.18	<del>.</del> 8	12.18	9	9.		Blood	Eye	Aorta
11123 731121	Hs.111980	_	14.17	2.82	5.03	8	0.00		Whole embryoSpleen	ዶ	Bone
11125 51255	Ha.104557	_	30.37	1.51	20.15	8	5.00	,	Germ Cell	Prostate	Uterus
1127 595076	Hs.53631	•	50.61	3.89	13.71	8 8	9 6	5 :	101.74 Synovial mem	Thumas	S CS
11130 638149	M8.151031	•	103.80	40.48 0.00	9.0	3 5	8 6	- 4	103.1 Gatt	odmen of	d March contrar
1136 41123	H8.57100	K56948	90.5	29.6	5.42	3 5	8 8	n 2	929.0 Brod	LiD ool found Office	Control gland Wildle Gilbly
1138 1837/4	29.2.6		Š	5			***	<u>•</u>			;

Page 58 (of 118 pages of Table 3A)

1	Kidney	Lung	Невл	LID not found	Gen Cen	CIC NOT TOUR	•	E ya	BSON	Em)	ar de	Ging:	Heart	cher.	Tonsii	Ovary		Olens	8 8	Coner	B( )	UNU	2 90	Forestin	Pool	Synovial membrane	LID not found		Blood		Kidney	oForeskin	Adrenal gland Umbilical cord	Ľye	, and a	Cristian Company Call Manager	Overv	Other	Umbilical cord	Testis	Testis	Brain	d Ear	-	Adrenal gland		Brain	R Sie		Project			Heart	LID not found
;	Prostate	Pool	Parathyroid	Pod	ic restis	SCS	į			Lymph Lung	CID not found	LiD not found	, color	LIU not found Other	Placenta	Pacenta	:	FOIBSKID.	8 G		Cities in Reserve	9000	2 .5 .5			Skin	P00.		Overy		Pooled	d Whole embry	Adrenal gland	SNS	red Change to City	Adress tolary	March AmbroGerm Cell	LID not found Other		Tonsil	Hear Testi	Lymph	ec Adrenal glan	Pooled	Parathyroid		Thursday	Toptil	Gall bladder	Rrain Co	i .			8
į	CNS	Heart	CNS	578.17 Ovary	Head and nec lestis	130.76 Small intestine. No	1		147.Ub Bone marrow	494.19 Uterus	566.56 Pool	9 5	SNO	8	Pooled	442.17 CNS	401.78	492.53 Parathyroid	508.52 Taneil	597.89 POO	040.73 Edi		34.72 Lympii	343 84 Thursid	80.86 lanore	473.07 Marrow	175.55 Liver		522.77 Foreskin		•	496.98 Adrena gland Whole embryoForeskin	Neural	68.57	688.26	251.52 POOR	Whole embr	345,44 Pool	123.72 Lymph node	522.46 Pool	690.17 Aorta	423.81 Stomach	184.17 Head and n	135.23 Liver	118.53 CNS	546.17	187.34 Neural	Adinose	Sound PE 905	788 82 CNS	450.37 Stomach	168.65	613.42 Parathyrold	Brain
				ហ	;	2		·	۰		2					7	11	φ,	~	N 4	o Ç	<u>.</u> •	•	v	, 2	=	· <u>-</u>		\$			4		2 (	m >	κ \$	7	ĸſ	7	ψŋ	64	7	7	5	Φ.	۲,	an u	o	=	. <	7 4	, <u>9</u>	: •	•
	8.0	0.0	1.00	1.00	8	000	8 9	8 6	0.00	0.0	80	8	0 :	8	<b>8</b> .0	0.00	8	8	8	8 8	3 8	3 8	3 8	3 8	8 8	9	00.9	9.00	5.00	0.00	0.00	0.00	6.00	0.00	9.0	9.6	8 6	000	2.00	0.00	1.00	0.00	1.00	1.00	9.00	0.5	9.6	3 6	9 6	8 6	3 6	; 6 6	9	0.00
anie sk	8	8.9	8.00	2.00	8	8	000	3.00	200	8	8	2,00	9.	19.00	1.0	200	12.00	9.6	8.0	8 00 v	8.6	9 6	8 8	8 8	3 5	13.00	8.00	16.00	5.00	2.00	18.00	9.	8.00	8	8 6	8.8	8 8	3 8	8	1.8	3.00	1.00	7.00	0.00	9.00	14.00	9.9	9.5	8 5	9.5	3 8	3 3 3 9	6	8 5
	7.78	14.62	23.68	8.45	6.42	7.32	6.82	9.63	8.18	6.36	16.12	10.09	6,19	385.02	5.66	5.99	14.83	7.09	12.77	17.74	50.5	9.70	16.67	9.58	7.65	21.53	35.55	32.65	11.82	8.77	19.21	5.38	21.65	5.35	5.31	68.16		6.6	8,89	5.94	10.91	7.66	16.18	763977.89	53.19	20.41	80.0 80.0	18.0	80.0 80.0	20.05	4.00 00.00	965216.18	88.0	535688.93
	0.69	0.83	1.00	0.68	4.43	1.17	1.77	3.23	7.08	4.78	2.27	1.96	26.12	0.45	2.91	20.29	3.E	4.47	4.79	0.80	3.29	6.57	99.1	<b>3</b> , 2	3 :		16.0	8	8	6.53	2.18	6.73	0.30	4.36	9.70	0.55	2.5	5 E	279.59	1.71	0.88	1.59	7.60	0.00	0.24	6.44	9.14	99.1	4.7.	0.00	J.U.	0.00	9	8 8
	98.9	13.65	23.68	4.	28.48	8.59	12.07	31.1	57.72	30.24	36.59	21.32	155.59	172.21	16.49	121.50	56.91	31.71	61 18	4 4	8.5	<b>3</b> 1	27.70	102.51	69.57 97.99	150 81	11.87	32.65	11.62	74.78	41.81	36.22	6.43	24.39	20.12	37.49	18.68	45.17	2484.84	10.17	95.6	12.17	122.92	7.64	12.61	131.51	83.02	B. 5	26.74	0.00	45.38	6.077 8.65		5.37
	N47522	W94295	W70259	AA002153	AA431741	N62595	R08184	AA022888	AA457737	AA121286	N66584	W80635	N48057	W94896	N30185	N83034	R06769	AA431749	N92947	AA011639	H66150	K915//	AA425450	H87680	H5/306	078620	TRASGA	AA701652	AA044814	W85927	AAD69372	N95752	R55220	N40959	W84780	N38787	172202	D08487	AA634103	W95001	H29268	H29604	AA633993	T81647	AA133588	AA055835	W73874	H16743	H39098	AA544058	HZ3278	W#2723	727627	R56607
	HS.46730	H5.38173	Ha.48523	Hs.34550	Hs.38178	Hs.48578	Hs.187463	HB.171483	Hs.169425	Hs.49597	Hs.125029	Hs. 191934	Hs.151472	Hs.203351	Hs.23495	Hs.139181	Hs.4789	Hs.34665	Hs.20255	Hs.38449	Hs 187991	Hs 85941	Hs 82226	Hs. 182189	Ha. 118653	10.304	Na.267	Ha 105808	Hs.28784	Hs.140571	Hs. 96028	Ha.29836	Hs. 153436	Hs.29846	H3.174044	Hs. 108029	Ha.181015	HS. 566	He 75968	Hs.656	Hs.7908	Ha 4947	Ha. 184326	Hs. 153545	H <sub>3.</sub> 77100	Ha.74034	Hs. 78056	Ha. 167399	Hs. 192028	H8.10029	Hs 8037	Hs.789 Hs.194478	Le 64674	Hs. 8038
	11140 280843	11143 346868	11144 344036	11147 427657	11151 762259	11152 288846	11154 127230	11160 364436	11184 810753	11179 490178	11183 294136	11186 415535	11188 281681	11194 415204	11198 258761	11200 278875	11202 127458	11203 762277	11210 307740	11223 429642	11231 234004	11234 196570	11236 773330	11236 211227	11242 204740	01/60/ \$6711	1120 144048	11276 433567	11283 488584	11287 416154	11288 382584	11291 308484	11292 154720	11299 277208	11301 415830	11303 244012	11304 85541	11308 /56502	11303 20112 11303 868368	11334 415102	11335 49842	11339 52960	11342 858292	11343 78144	11345 586688	11350 377481	11358 345538	11363 50114	11364 25638	11356 845355	11367 52339	11370 323238	1071 40004	11375 41077

Page 59 (of 118 pages of Table 3A)

Other.	and Tonsil	ProPosited	יולטי המפס	em Kidney		_					Brais		2	Pancreas		nd Oliver	) (1)	Prostate	Adrenes giand	Jac Ear	200	-		8		Brain	P. 00.		Spleen		er Stomach		9			Adrenal gland	Uterus Placenta	nac Foreskin		Prostate CNS	und Other	Brain	Foreskin		CNS	bryoUterus	Placenta	<b>8</b>	Anole embryoHeart	Umbilical cord Liver	Umbilical cord Thyroid	*******
	Lenhinal cord Tonsil	Whole embropooled	A A UDIN CIUD	Synovial mem Kidney	Muscle	Foreskin	Aorta	Stomach	Gran		Muscle	CNS	Whole emb	Larynx		LID not found Other	Muscle	gore .	Troreskin	Smooth music gar	Com Coll	Esophagus	Placenta	e G	•	Lung	Kidney	CNS	Gern Cell	Placenta	Gall Madd		Ferroham	Pooled	Lymph	Foreskin	-		Taranyro I Door I	Prostate	LID not fo	Blood	Неап		Pooled	Adrenal gland Whole embryoUterus	n Hear		Whole em	Cmounter	Neural	
670 CD Brain	543.41 Thyroid	167 76 Thumis	219.74	249.17 Uterus	Omentum	567.56 Blood	744.65 Adipose	330.92 Cervix	236.77 Pooled	ignore	392.77 MUSCIB	354 02 Brain	45.37 Lymph	147.15 Thymus	427.01	623.42 Brain	Synovial mem Muscle	254.88 Parathyroud	307.17 Synovial mem referen	75.41 Marrow Smooth	306.01 Brein	194 75 Foreskin	Neural	597.96 Foreskin		294.49 Eye	Placen:a	164	Epididymis	Foreskin	Nose :	75.41	152.58	Ear	Pooled	423.87 Ear	295.76 Pancreas	120.51 Lymph node	TIGGE 113 76 Formetin	31.24 Foreskin	44,65 Foroskin	298.39 Uterus	22.83 Adipose	260.52	313.83 Aorta	51,33 Adrenal glan	Synovial mem Heart	Uterus	Placenta	502.99 Siomach	336.97 Esophagus 245.37 Nose	
•	, ,	. 9	<u> </u>	2 eo		w	- :	11	<b>,-</b> -	ď	<b>-</b> ;	- 2	! =	15	12	4		= :	≥ •	- ,	ζ =	. 4	2	m		ĸ		<b>\$</b>			,	~ 7	5 5	<u>*</u>		12	٦.	m	;	<u>*</u> «	Ξ	. <b>×</b>	=	7	<b>5</b>	-			•	۰ م	3 21	:
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5	3 8	8 8	8 5	8.00	00.0	8.	2.69	2.00	1.90	5.80	5.00	8.5	8	2.00	2.00	9.1	7.00	8 :	8.00	9.6	3 8	8 5	00	1.00	1.00	2.00	8.	5.00	1.00	8°.0	3.00	2.00	9.6	10.00	8	6.00	8.00	8	3 8	3 8	8	8	8.00	2.00	0.00	21.00	8	7.00	3.00	0.0 0.0 0.0	6.00 0.00	, ,
97 9	0.40	7.1.	10.34	66.46	37.65	5.42	37.47	14.69	8.39	14.78	8.60	62.5	1.59	12.52	8.74	6.03	69.83	8.88	41.69	6.61	Ş 6	5 C C	156 93	30.00	5.48	10.45	8.	8.81	8.83	102.74	16.95	5.69	11.16	555704.54	5.89	7.94	137.73	6.93	6.05 6.05	Z 5	10.38	6.73	23.52	11.70	6,16	55.48	27.7	19.19	6.57	2169483.73	16.61	37.5
	0.0	3.5	4.0	8.6	0.38	30.64	9.	3.26	3.17	69	0.40	¥ 6	2.35	5.83	4.62	1,10	0.73	1.00	0.25	11.35	4.74		5.50	2.5	7.84	0.76	1.28	7.92	2.84	0.28	8	0.0	ង្គ	900	8	10.47	0.10	4	<u>8</u> 8	3 5	0.00	8	0.70	2.93	3.68	68.0	0.75	0.78	2 89	0.00	22.23	01.00
Ş	3 5	8 I	7.5	5 5 8 6	02.4	165.96	37.47	47.93	26.65	16.06	5.48	24.50	161.96	74.21	40.33	6.62	51.30	8.68	10.45	75.08	89.701	8 5	200	14.07	42.93	2.90	8	69.79	19.37	26.36	16.95	61.45	13.55	5.50	31.72	80.08	13.77	17.02	9.40	2 C	21.5	5.73	16.54	34.31	22.68	55.08	5.80	14,91	19.00	21.50	369.29	074.10
,	K44507	X44/58	R37093	W/2201	AA496032	AA825758	T68169	H97488	H20847	701941	AA621218	85771	T61866	174688	H18796	H15522	AA629862	H18913	AA420965	AA191463	ANDSKABS	M53059	TAG657	44457303	AA432108	AA121806	T49816	AA156821	N72879	T54474	T47312	AA412184	T48767	T52363	AA130596	AA128947	AA113166	AA486092	W63789	N22/16 T96924	Hadase	AA131694	AA100696	AA007522	AA459293	A149827	W93482	AA098357	N30117	AA004380	AA431438 NE9044	None
	7,977 SH	MS /9361	Hs. 166 159	H5.198008	Hs 154084	Hs. 144477	Hs 180633	Hs. 108802	Hs.22587	Hs.66219	Hs. 12068	H8.6125	Ha 5151	Ha.B185	Hs.204144	Hs.21017	Hs 8372	HS.124023	H8.26871	H9.25732	H3.63268	Hg. 75264	Ha 24040	Ha 167976	Hs. 204501	Hs. 184691	Hs. 134478	Hs.21094	Hs. 10487	Hs. 100425	Hs. 76014	H3.6163	Hs. 173936	Hs 76173	Hs 71331	Hs. 17377	H8.29893	Hs.103857	Hs.15641	HS.42405	He 4244	Hs.15669	Hs 26518	H\$.138777	Hs.153716	Hs.203388	Hs.30483	Hs.15780	Hs.30643	Hs.18160	Hs.173374	78.134025
	1376 33022	•	11379 25716	11381 345935			8		11404 51460	11405 124575	11406 744417	11407 85582	11406 46353	11415 65080	11418 50568	11420 49172	11421 884993	11424 51284	11438 731227	11439 627277	11450 509479	11457 40537	11430 042033	11464 838417	11488 784155	11467 565939	11469 68637	11475 502585	11476 291539	11477 70384	11481 70749	11486 728929	11489 70027	11485 252453	11507 12004	11503 511647	11506 526872	11509 840783	11522 342211	11524 265843	980080 07511	11546 503843	11547 490556	11554 429353	11567 810901	11571 505078	11575 357071	11578 489600	11591 256947	11608 428371	11610 782460	11019 Capuse

Page 60 (of 118 pages of Table 3A)

ī	3 3	1810	Bun.		abanta.	8183	Small intestine	Grasil		SNC	creskin	Srain	SNS.	Luna	Shorts	Aorta	Pancreas	mon none	Rain		Other	- Amby		Soleen	- vmbh	Smooth muscle	Ulerus	Stomach	P001	Whole embryo	Germ Cell	Whole embryo	Pancreas	Aorta	Whole embryo	Skin	Color	Com Cell	Pool	Uterus	Umbilical cord	Whole embryo		CNS		Macenia		Commodi	roreskin Gall Madder			Germ Cell		. בפּי	Breast
0	Tiecenia Too	Campiacal cord	1500		,		Head and nec	001	Uterus		_		Thomas	Foreskin	Role	Stomach	Brain	Crip	•		LID not found (	Ovary Lymph		em Head and nec	Adrenal gland	tinePeripheral ner	CNS Tests Uterus	Adipose	Tonsil	Tonsii					CNS	Larymx		T 20 (5)	Parathyroid	Stomach	Pooled	•		Aorta		Cerai	Smooth music Germ Cell	משום מ	Smoom musc nose	5000	1	Adria	Sone	2 2 3	
Tonos Tonos	1500 C.847	E 10 C	Hear	280.22		Totesta	545 68 I vmoh mode	538.82 Colon	Germ Cell	211 67 Anda		XIVIN 1 95 175	245 B Head and nec	464.35 Parathyoid	279 A4 Ponted	358 38 Gall bladder	Pooled	128 A.S. Marrow	A0.07	348.22	Pool	Stomach	245.06	Synovial	39.81 Cervix	114.01 Small intes	CNS	508.83 Larynx	320.62 -	345.04 Bone	242.65 Stomach	504.23 Musde	399.44 Blood	Lanynx	112.37 Ear	70.29 Epididymis	60 63 Adioofe	Pending Series	64.05 Placenta	304.59 Aorta	Lanynx	Foreskin		610.78 Pooled			E COOLS	balls Pancreas	THE PROPERTY OF STREET	313.44 LIVE!		Liver	305.35 SKIN	84.9 Gall bladder	265.03 Umbilical cord Uterus
ç	2		;	£			-		-	,	•	=	: <b>\$</b>	ā <b>ē</b>	2 a		•		•	σ			×		2	8		7	13	12	19	7	18		ti.	t •	۽ م	<u>.</u>	•	o				g			•	-	;	=		,	<b>≥</b> •	m ;	E
4	9.6	8.6	0.0	8 8	8.8	8.8	3 8	8 8	8 8	8 8	8	8 8	8 6	8 8	8	8 8	8 5	8 8	3 5	8 8	8	8	8	8	8	8	90	000	90.0	00.0	2:00	8.8	6.0	8.	<b>0</b> .00	8 6	8 9	8 8	8 8	000	000	9.00	3.00	2.00	9.00	1.00	5.00	2,00	9.00	20.0	0 0 0	00.0	0:00	0.0	90.0
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	9 9 9	F 1	5.71	20.23	46.39	47.31	64 55	5 6	2 6	414D706 34	5 g	2 5	107	14 13	29 07		9 - 6	37.05	45.40	96	9 9	14.95	5.10	47 27	15.62	6.22	14 28	8.57	5.10	5.16	6.77	6.46	<b>4</b> 0.0	8.69	6.98	6.46 6.46		50.7	7.18	90	8.80	63.58	58.43	57.33	15.15	n. 1	71.12	177.73	10.71	69.71	6.30 OC:1	7.63	21.73	34.51	49.20
::	96.0	69.0	2.24	301	11.67	0.15 6.00	0.0		6.40	200	9.6	, , ,	3 6	3 2	3 2	3 5	2.5	3 6	3 5	2	8	0.55	13.05	0.28	8 85	33.66	1.57	3.18	238	5.28	8	0.79	3.56	8	2.14	12.28	21.42	5 F	778	27.	13.89	0.55	8.	1.22	0.89	0.1	0.32	0.87	1.60	8 9	5.27	1.17	10 02	670	9.54
1	92.9	80 S	12.81	60.78	561.51	6.87	2 2	5 8	3 2 2 3	<u>:</u> 5	8 5	59.00	32.6	60.44	3 3	13.55	5.3	21.1	270.40	42.38		22.8	98.58	12.15	108.98	200	22.47	27.06	12.16	27.24	40.57	5.14	29.89	0.00	14.93	78.38	117.97	27.73	6.6 7	14.84	122.28	78.92	58.43	70.14	13.51	40.0	22.51	17240	27.28	//'61	33.23	æ. Ø.	217.64	7.73 7.73	26.66
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	Hs.206817	Hs. 105061	Hs. 126906	Hs.82633	Hs. 179925	Hs.130557	H8.56530	13.1193014	TS. 199951	18,3300	15.62004	11. 5630	0000	HS. 109084	10.30230	13.030KB	H5.56418	13.100094	HS.1/9//8	MS.33144	110.45.70	Ha 46148	Hs 205651	Me 200213	H= 76319	He 5179	He 02774	H* 6838	Hs. 82894	Hs. 62601	Hs.110906	Hs,198621	Hs.96	Hs.202788	Hs.21355	HS.172772	Hs.177781	H8.2132	HS.111850	He 10760	Hs.102948	H8.2389	Hs.180741	Hs.61289	Hs.8141	Hs.10762	Hs.25195	H8.54451	Hs.169524	HS.93184	Hs.184584	Hs.128702	Hs.174140	Hs.171495	Hs.45180
	11622 258033	11623 810621	11625 345824	11626 489495	11630 283438	11636 281274	1163/ 344126	11640 130333	122205 59911	11049 469047	1000 3/0001	11656 323016	C65087 CC011	11000 2/6055	20104 00011	020000 01011	1167, 34/661	7//010 0/011	11680 870590	11661 308323	2000 4001	11000 470124	11690 278938	11404 200162	11808 824827	11700 368483	81702 78257R	11704 415851	11708 323989	11721 744010	11725 415670	11728 811588	11731 814353	11734 840474	11737 277423	11738 884692	11740 78148	11741 148028	11742 1031185	11747 06300	11749 502682	11750 270505	11751 66694	11753 280154	11754 384081	11756 78064	11757 340857	11758 460403	11759 731002	11763 200263	11765 433573	11766 471664	11775 45327	11776 46180	11777 624577

Page 61 (of 118 pages of Table 3A)

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Blood	Spieen	Synovial membrane		Germ Celi		Placenta	renchas	read and neok	N. History	Gleney	Piacenia	e è	Adinosa	Anta	a do	Whole emboo	Theorid	Bone	Heart	Brain	LID not found	LID not found	J Umbilical cord	Foreskin Brain	Whole embryo		Synovial membr	Brain	Cervix	,	00	/oPooled	UD not found	Неяд	į	Cyary	2000	Spleen	Heart	<u>8</u>	- B8	Gall bladder	d Other	SNS	Whole embryo	d Other	Uterus	Ulerus	į	d Other	LID not found	Oterus	Prostate	d Other
	P00.	_			<u> </u>		2006	Larynx	Mhole emboy	Verice cond.	Pooleo Piedenia	TO DO COL	Foreskin	i de la composition della comp	Protection	Anda	Adress loss of Thursday	r Umbilical cord Rone	Ularus	Skio	Pool	Brain	Adrenal gland	Foreskin	Brain		nePooled	yoEye	CNS		restia	Whole embryoPooled	B :	Olerus	9	Thurbid	SNO	Tonsid	Germ Cell	Testis	Solo	Adipose	LID not found C	Breast	Breast		Bone	sc Thymus	:		Prostate LID not	ا ا ا	Eye	LID not found Other
261.08 Kidney	625.71 Liver	492.17 Thyroid	249.09	Blood	436.75 Nose	Head	404.02	Epididymis	del.//	DOCUMENT OF CA	Salar Podes Pedend	Denia	471 4 Thymrs	365 54 Carooth mus	22.04 Onio	A1 R4 Doc	451.22   20104	208 88 Smooth must II	27.41 Pancreas	Thymus	Testis	548.42 Testis	134.7 Ear	458.26 Blood	Kidney		127,67 Small intestinePooled	Whole embryoEye	446.98 Ear		Placenta	546.58 Ear	Neural	119.61 CNS	10011 30 000	115.65 Hear	587 83 Skin	171.89 Aorta	Testis	88.54 Heart	Foreskin	271.02 Thyroid	529.62 Pool	305.41 Aorla	156.43 CNS	8	Parathyroid	562 Smooth musc Thymus	730.15	8	CNS	120.54 Nose	400.27 Bone	245.64 Pool
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9	2.00	6.00	0.0	3.00	8.	9.5	2.00	00.7	0.7	9.00	2.00	9.6	0.5	3 8	3 5	9.6	9 6	8 6	000	5	9 6	902	300	200	9	5.00	8	9.00	1.00	2.00	1.00	3.00	5. 5.	8.5	8 8	8 5	3 5	2 00	800	8	8	900	300	8	8	13.00	8.8	8.00	8 8	1.0	9.1	8	1.00	9.
930	6.55	17.72	13.21	16.53	10.94	5.85	172.68	12.12	97.5	¥ ;	8 5	5.23	36.92	67.0	8 6	90.0	7 7	7. 4	8 8	ę e	2 %	27.15	12.79	8 89	7.25	11.10	6.62	54.28	7.47	14.17	2.67	5.97	9.99	9.32	29.37	5.53	3 :	22.66	8.89	5.43	6.32	1852.67	1.06	25.76	5.72	22.81	5.95	169.86	5.96	5.41	6.33	0.37	7.33	6.42
3	3.87	0.85	7.42	10.18	1.39	2.41	8	25.61	8 5	9	4.49	8 7	) 	ī :	8. 8	9 6	9.00	32.83	0.55	8 5	8 8		98	3.11	288	8	11.20	4.23	12.10	8.83	1.78	2.26	3.98 8	1.21	2.76	5.0	, c	5 6	00.1	8	0.04	0.10	1.32	1.00	2.99	3.08	5.18	90.0	1.98	2.53	42.45	4.25	9.58	3.80
40.34	20.77	15.01	97.97	167.96	15.19	14.07	172.68	310.48	5.28	25.53	84.03	10.63	6.33	80.05	200	5.28	10.30	230.98 415.54	3 6 5	9	6.03	20 64	18	21.43	21.70	20.84	74.13	229.58	90.38	125.14	86. <del>8</del>	13,48	39.78	11.27	81.05	5.61	16.47	22.45	8 88	5.43	6.92	185.27	20.4	25.76	17.12	70 28	30.67	±.8	11.78	13 69	268.60	35.01	40.70	24.43
Cybath Cybath	TB2060	AA157261	AA683520	AA045326	H56349	R82176	AA430524	AA644679	H17411	H15549	AA418885	18/224	H39804	A4416940	7/8167	H20858	9000000	A445/328	AA158344	DECORA	A 6 4 000 13	120285	AA184085	PAA077	H11378	AA778675	AA608583	AA488185	AA434068	H67707	AA448002	AA453997	H66708	A137196	R12386	W56597	AA455284	A6000014	R27319	AA025930	N20939	W6722B	AA009769	N79778	N34649	AA004667	AA453501	AA131516	R93543	AA001604	N50056	AA662423	W80591	H82872
U. 203669	He 75599	Hs. 169602	Hs.203502	Hs. 171992	Hs.2659	Hs. 100602	Hs.78388	H6.5120	Hs.30002	HS.107513	Hs.24379	H8.13222	Hs.21151	# 20 C	M8.21360	Ms. 153705	13.10201	HS.1.10438	19.481	200	28707.51	13.13.13	Hs 54878	H* 22604	He 108486	Hs. 86368	Hs.182255	Hs.114911	Hs.109875	Hs.200350	Hs.23759	Hs.23804	Hs.138566	Hs.45985	Hs.206507	Hs.23822	HS.49005	HS.20450	Hs 23823	Hs.20468	Hs.36769	Hs.194110	Hs.124248	Hs.35094	Hs.23850	Hs.20495	Hs.23860	Hs 202969	Hs. 138864	Hs 204840	Hs 47011	Hs.62163	Hs. 172895	Hs. 108049
	11787 R5643	11794 590500				11802 148958	11603 769911	11805 853938	11807 50703	11811 49499	11814 731014	11815 22389	11620 26387	11824 729975	05026 92010	11829 51572	11635 /45140	11838 638504	11038 4/310	200260 25011	11049 40060	44860 40030	11003 43033	11878 13811	11883 47630	11890 1049033	11898 950709	11902 877641	11904 837874	11911 210803	11926 782758	11934 785262	11935 211870	11940 502772	11946 128167	11850 340864	11952 810047	10882 48811	11958 132307	11962 365642	11967 265576	11968 343401	11970 429800	11971 300323	11974 276523	11978 428788	11982 795379	11983 503545	11987 197831	11994 427789	11996 282863	12004 402953	12005 415459	12007 198866

Page 62 (of 118 pages of Table 3A)

LID not found	Prostata			בות המעום	Agrenal gland	Lympn Fire	E) a	Other	Formerin	Doct	3 8			e done		Fire		Provide the second	10 and formal		Series Con			Pooled	Grain	Greasi	Ovary	Por a	1	S .	SKE SKE	Darcina	Blood	Rivor S		Placenta	Synovial membrane	Colon	Heart	Heart	LID not found	Adipose	Placenta		Esophagus	CNS	Pooled		Great	Poresian	Done Cuponial mambrane	Synovial memorane	Other	Vide a	Noney
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Placenta	130 55 Small brockland dinose	130.33 SHIGH BILES	STATE OF THE	Sign of the state	/ SULBS SKIN PIECERIES	Thursia Thursia	Corpir	107 89 Pnot	427 Aorta	BigC SigC 175	490.07 OTHER PRES	203.70 CIGUE	67.60	104.24 ENBASI	27.41 Olens	377.55	2000	530.8 62 AE CIVIS	02.03 SKIII	HBIQ 17:007	Actual Bredst		134.5	183.85 Gall bladder Parathyroid	Head	Synova memory	147.26 Gall bladder Bone	541.9 Umbilical cord Adipose	20.172	160.33 Lymph	115.84 Cuncial man Ear	46.84 Geom Cell	A17 Of Small in estinations	Adrena Adrena	417.85	574.6 Larynx	216.1 Nose	Lymph	304.08 Whole embryoGerm Cell		296.39 Liver	319.85 Smooth musc	Pooled		154.77 Ignore	Larynx	447.53 LIVE	2/8.43	EBT FBT FBT FBT	140,00 Pooled	Paramyidid	492.58 Small in es	Liver	443 86 Adimes	asses Adipose
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11.25		5.55	97.1	104.92	12.8	7.97	4.0.4	45.66	20.28	5 :	9.5	27.01	10.6	BO'6	67.98	80.08	20.05	86.00	10.00	6.55	8.08 8.08 8.08	6.93	57.58	17.1	6.43	20.05	12.26	130.40	200 48	16.05	1000	1070	12.27	7	52.69	42.86	20.28	46.73	11.70	144.60	9.36	55.43	16.17	73.23	46.83	25.73	11.40	29.67	27.45	53.20	0. id	49.54	5. 54 5. 55 5. 55	200	207.700
R89317	44044098	A011080	A131663	AA456498	AA152183	VVC46/4	*******	AAGSS501	44000697	/6060av	AA421278	AA14/841	700764	AA436022	AA128008	A446268	00704	007000	N6/46/	7/5157	MASS CO.	100000	AA122022	AA663792	AA132070	AA443300	N92478	AA155913	K/RSZ1	W58281	AA486233	AA043220	A4444043	164627	AA416952	AA047567	AA678484	H87471	N32201	W49619	T40938	AA869128	T40950	AA430668	AA134871	W72207	161269	AA663981	AADOSEOS	H29044	AAD//000	161792	T58775	15055	00000
Hs 141142		20100 ST	H3.70723	H\$.20/933	Hs.10/318	HS.31080	18.1780	H8.23/8/	207070	13.140409	H8.197202	HS./1034	BLOSS T	H\$.116223	H\$.205624	13.74302	12.4100	HS.163607	H8.63351	79/07/13/	19300	00107	Ht. 13472	Hs.17181	HS.113509	F8.60343	H8.154967	H8./5/42	H8.19/008	Hs.75162	H8.2707	18.5510	18.4509	Ha 160536	Hs. 167227	Hs.9071	Hs.74451	H3.81771	Hs.94070	Hs. 161	Hs.8349	Hs. 18533	Hs.24702	Hs. 160741	Hs.79732	Hs.2621	H8.8338	Hs.140	HS.164568	H8.5867	M8.84382	H8.8364	Hs 10458	1 2 2 2 2 2	700 i
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Page 63 (of 118 pages of Table 3A)